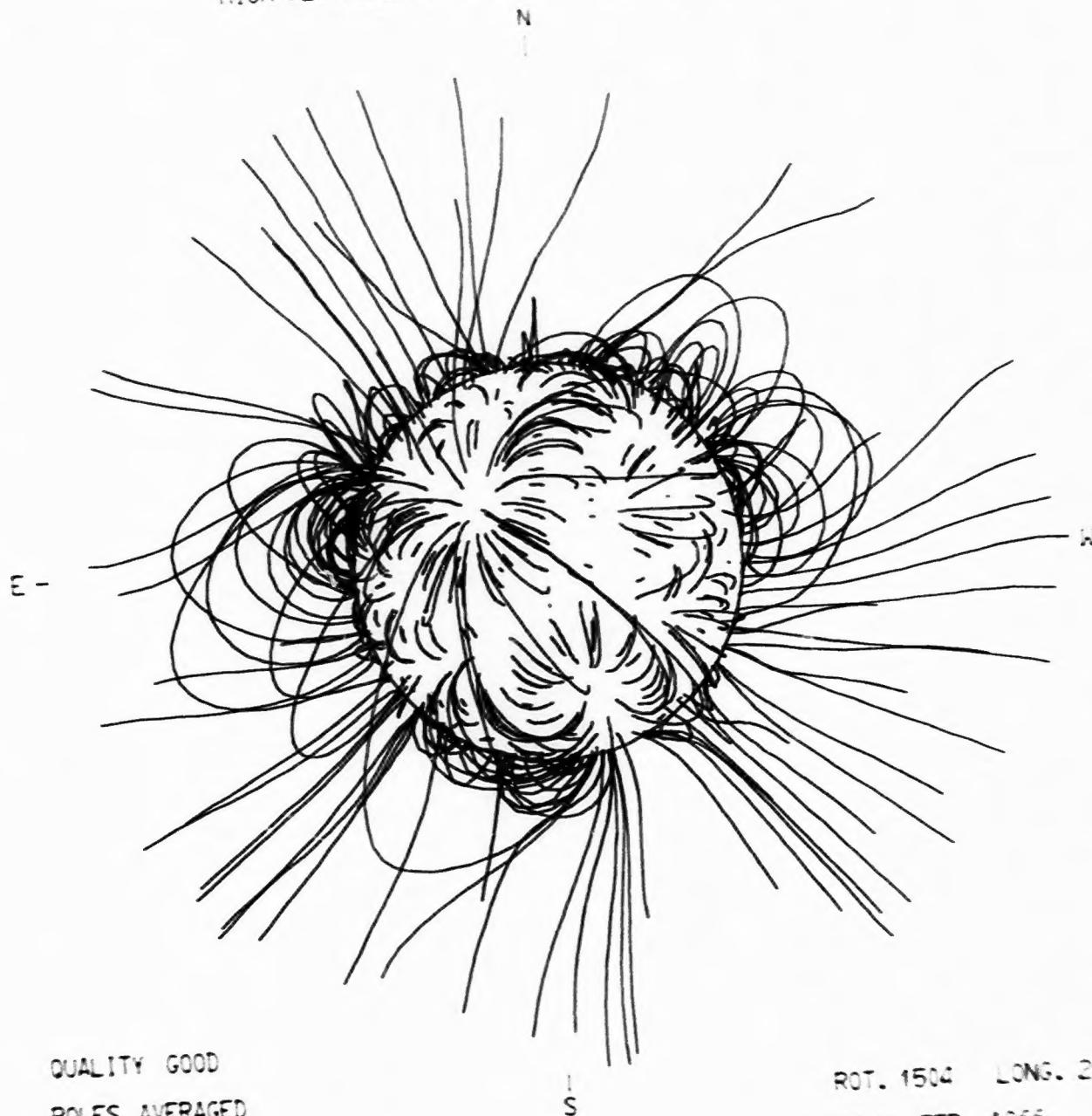


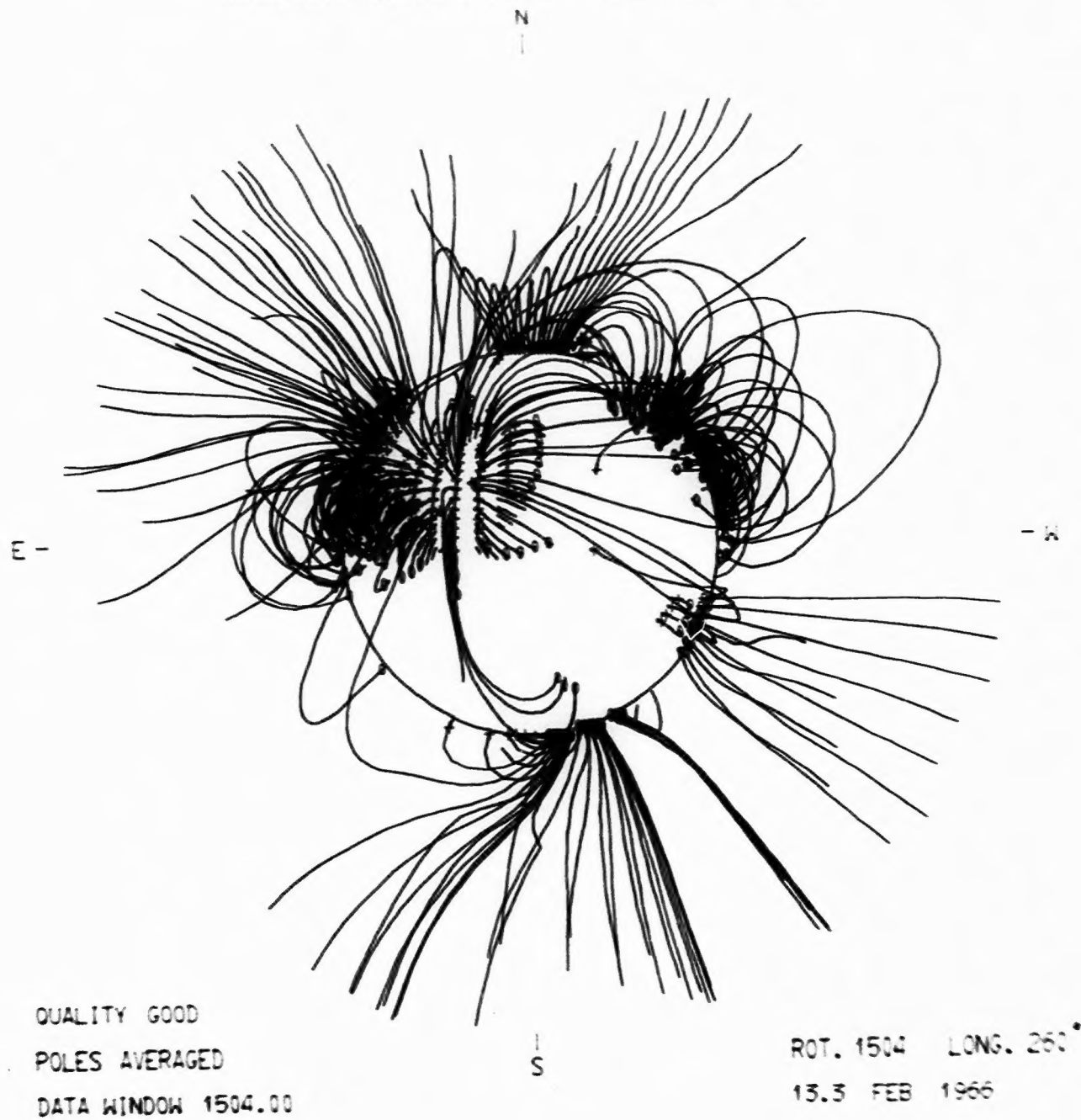
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



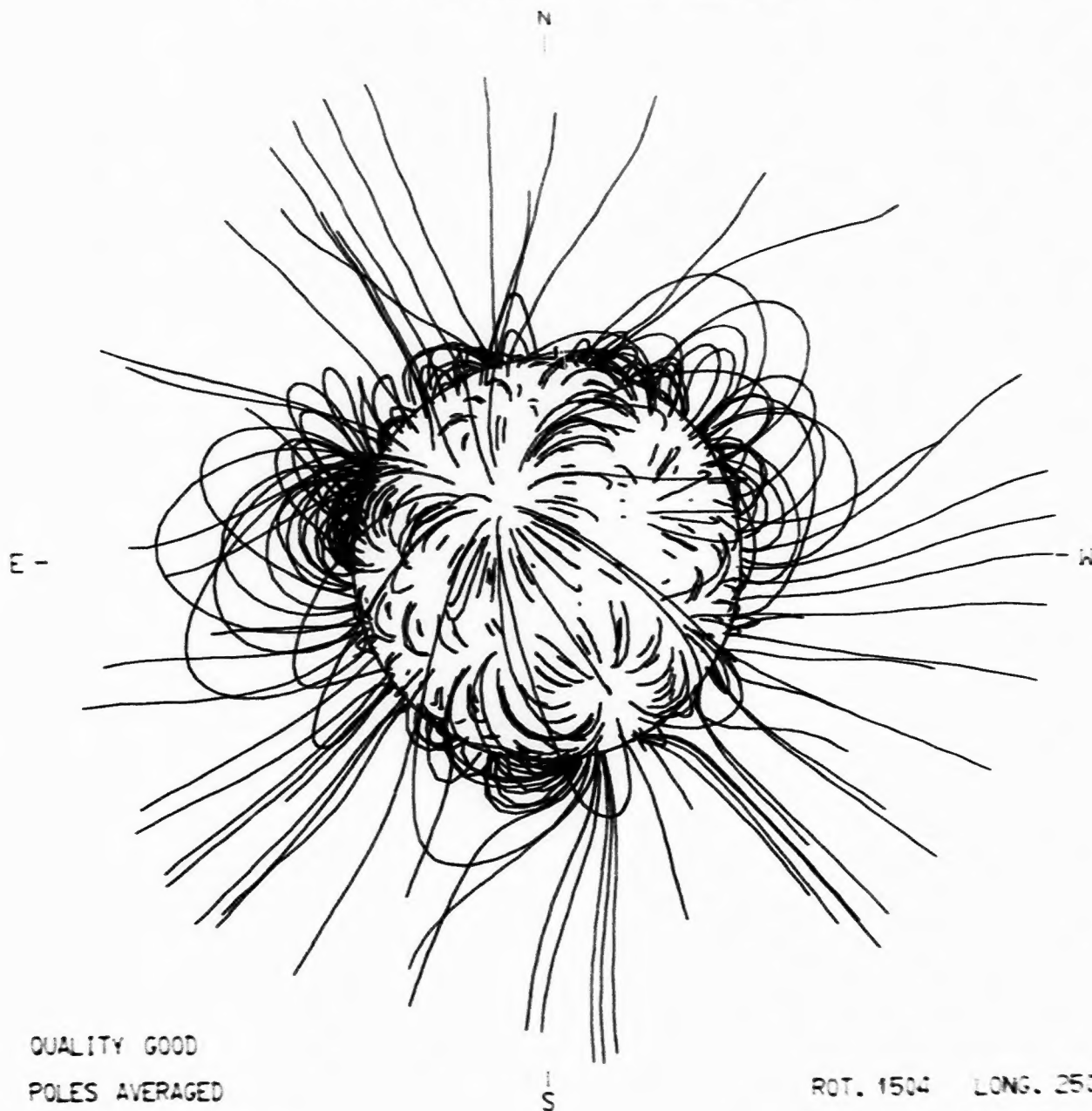
QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 260°
13.3 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



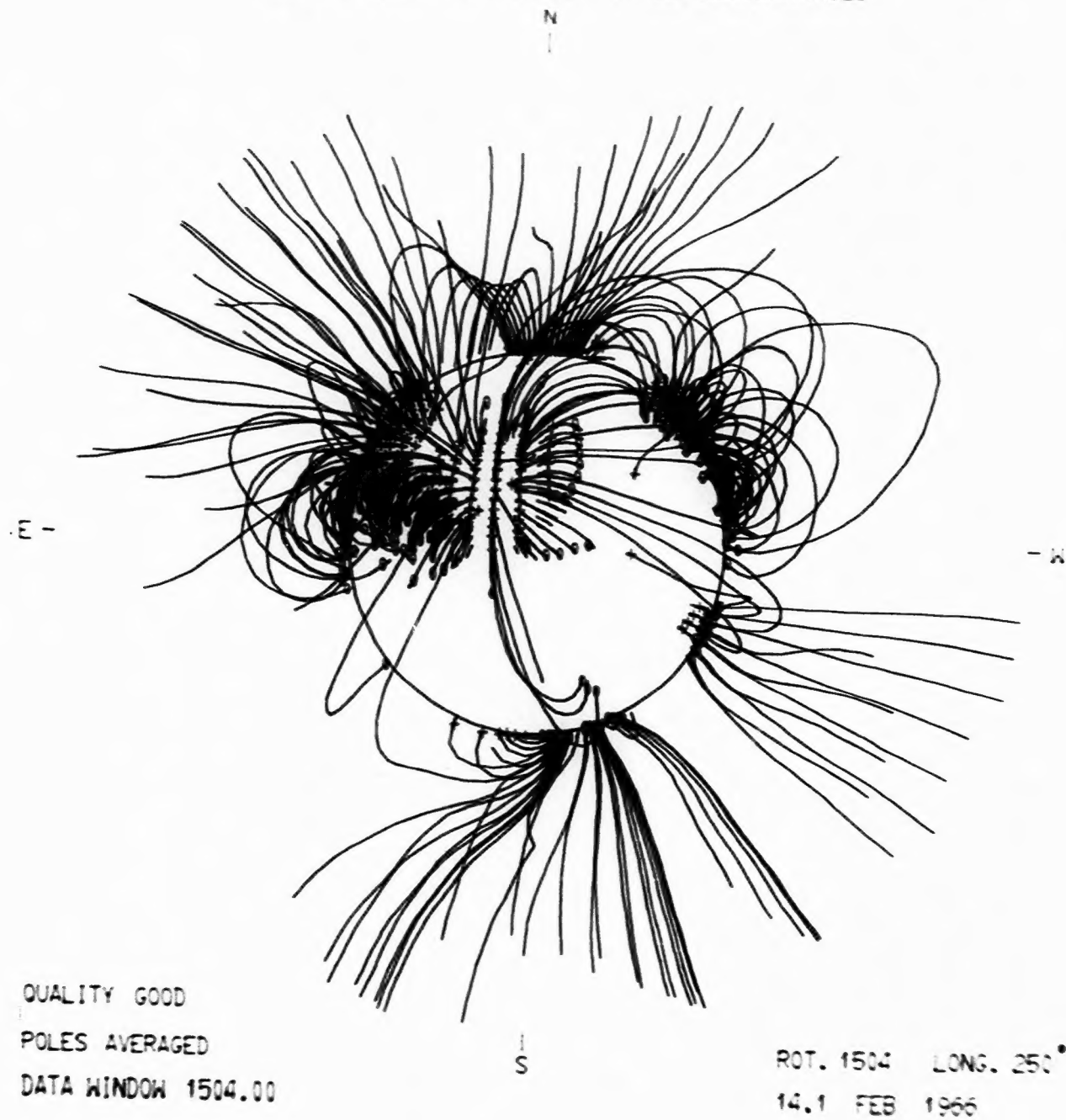
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



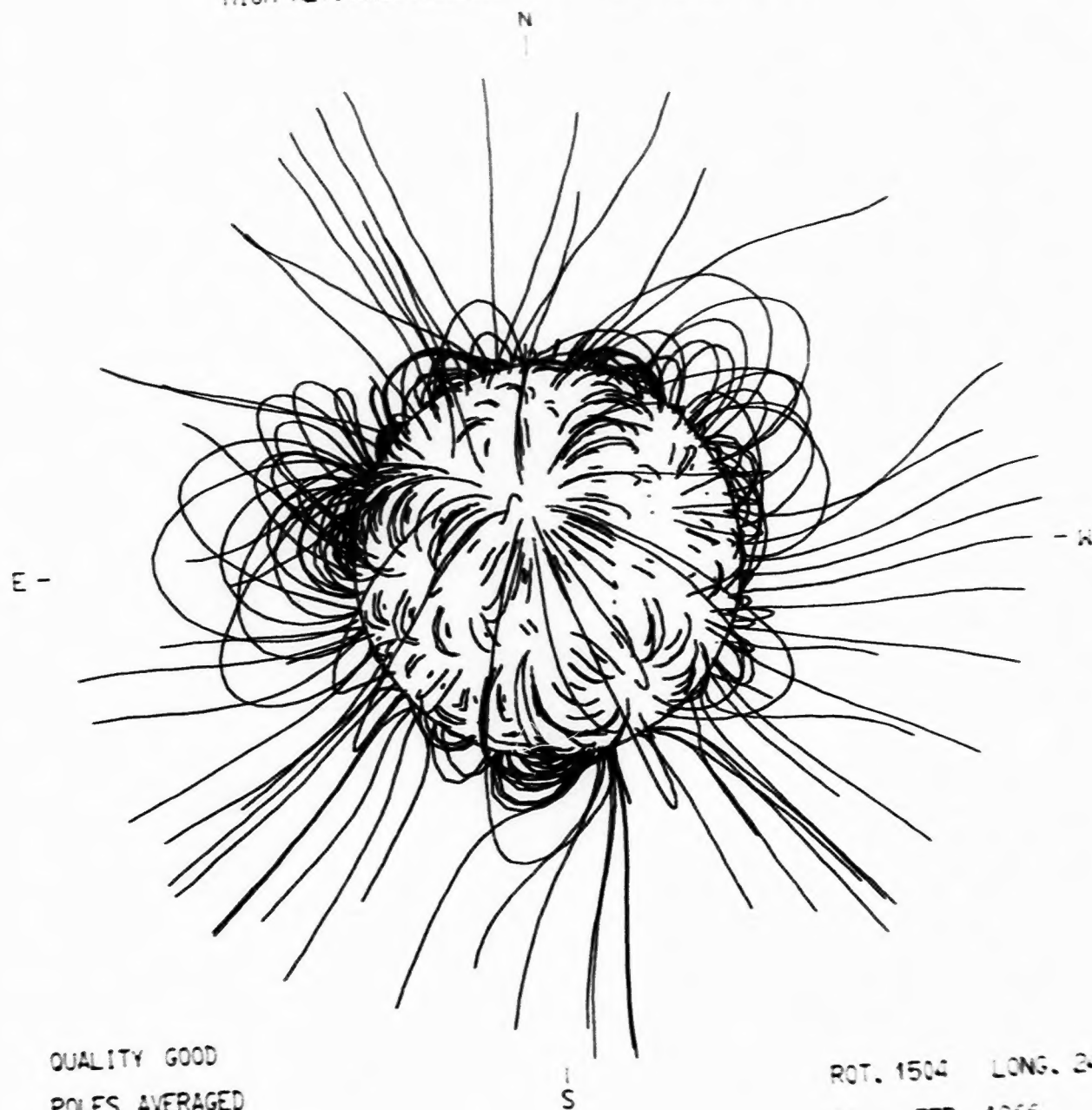
QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 250°
14.1 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



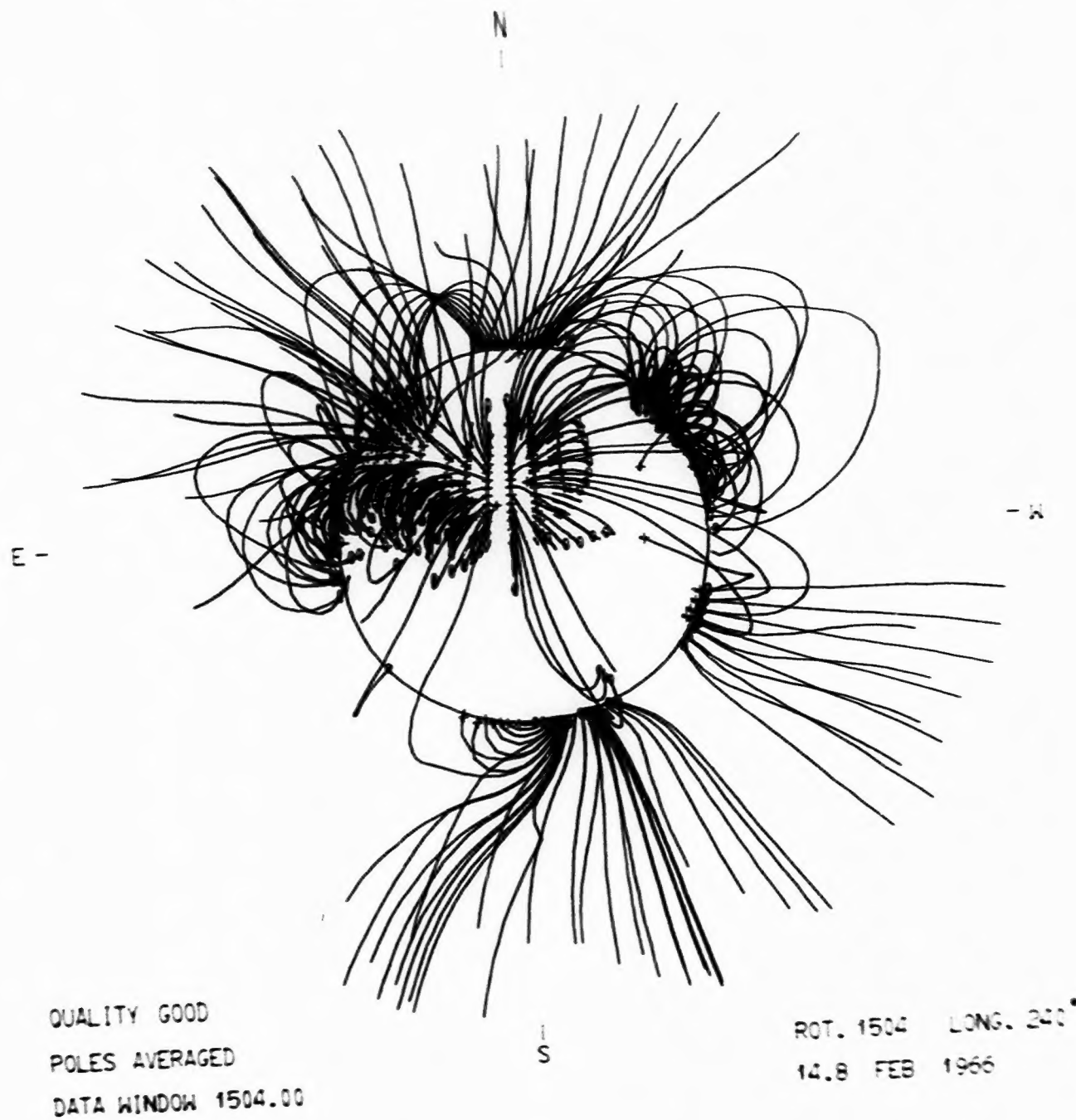
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



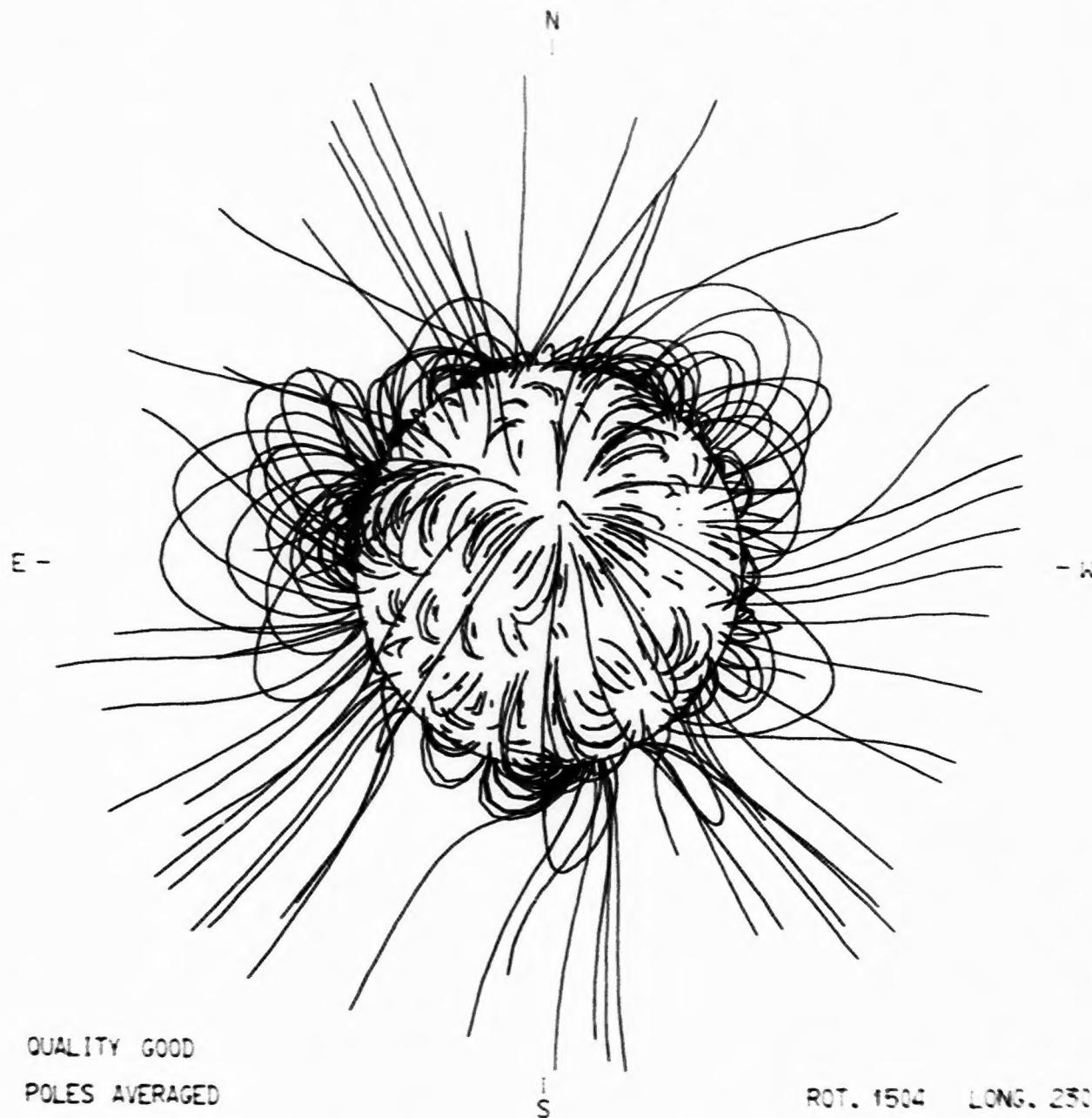
QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 240°
14.8 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



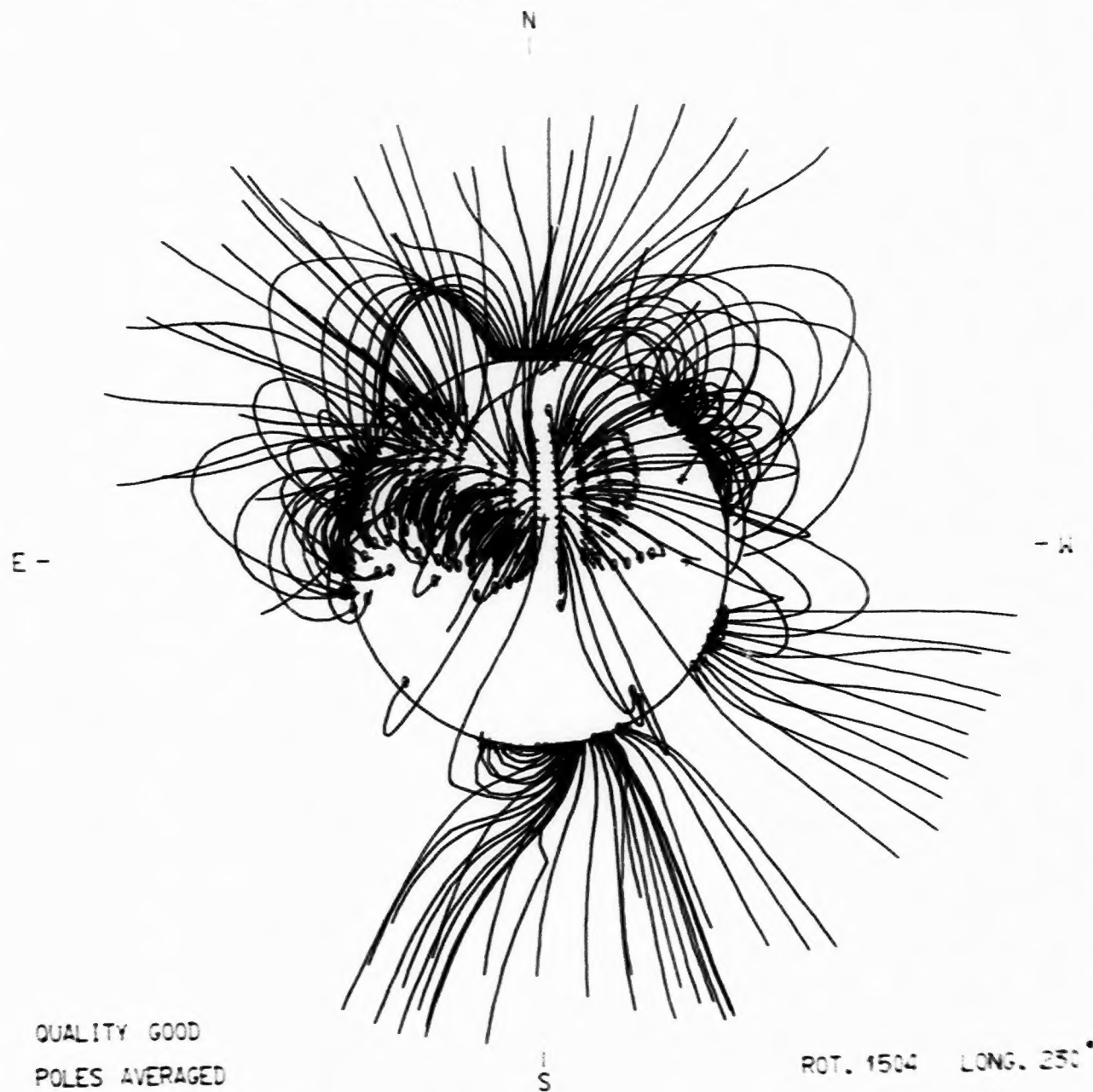
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 250°
15.6 FEB 1966

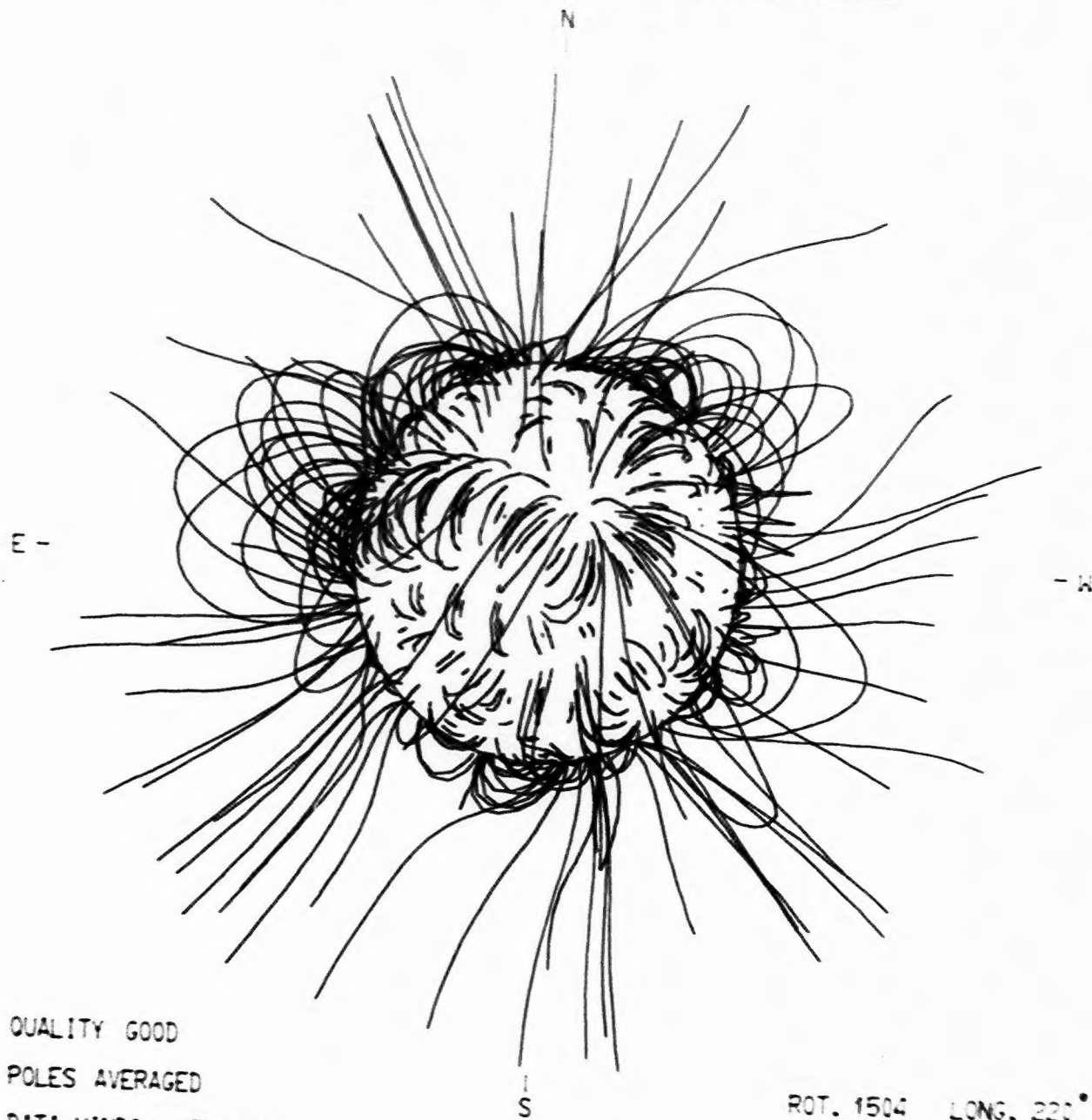
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 250°
15.6 FEB 1966

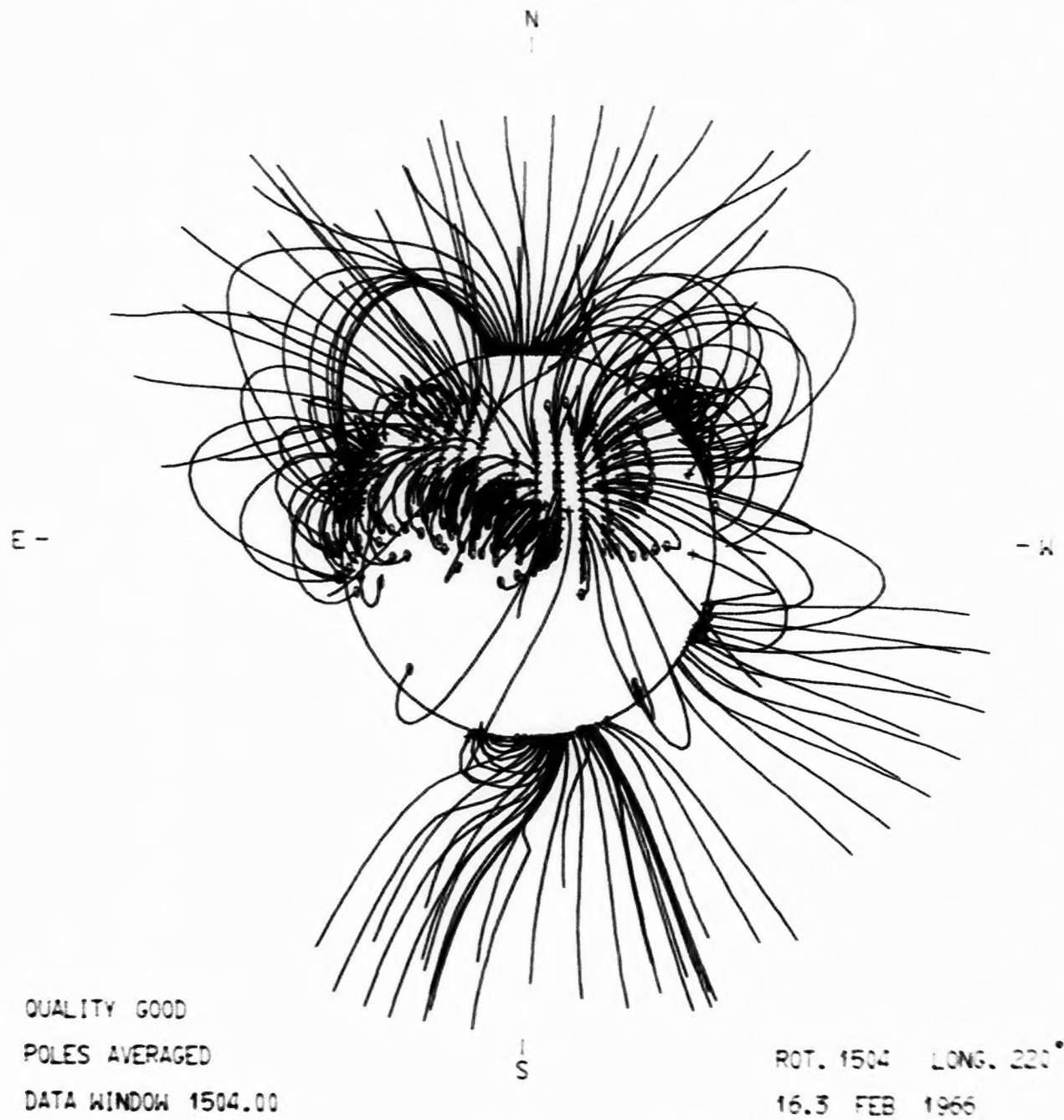
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

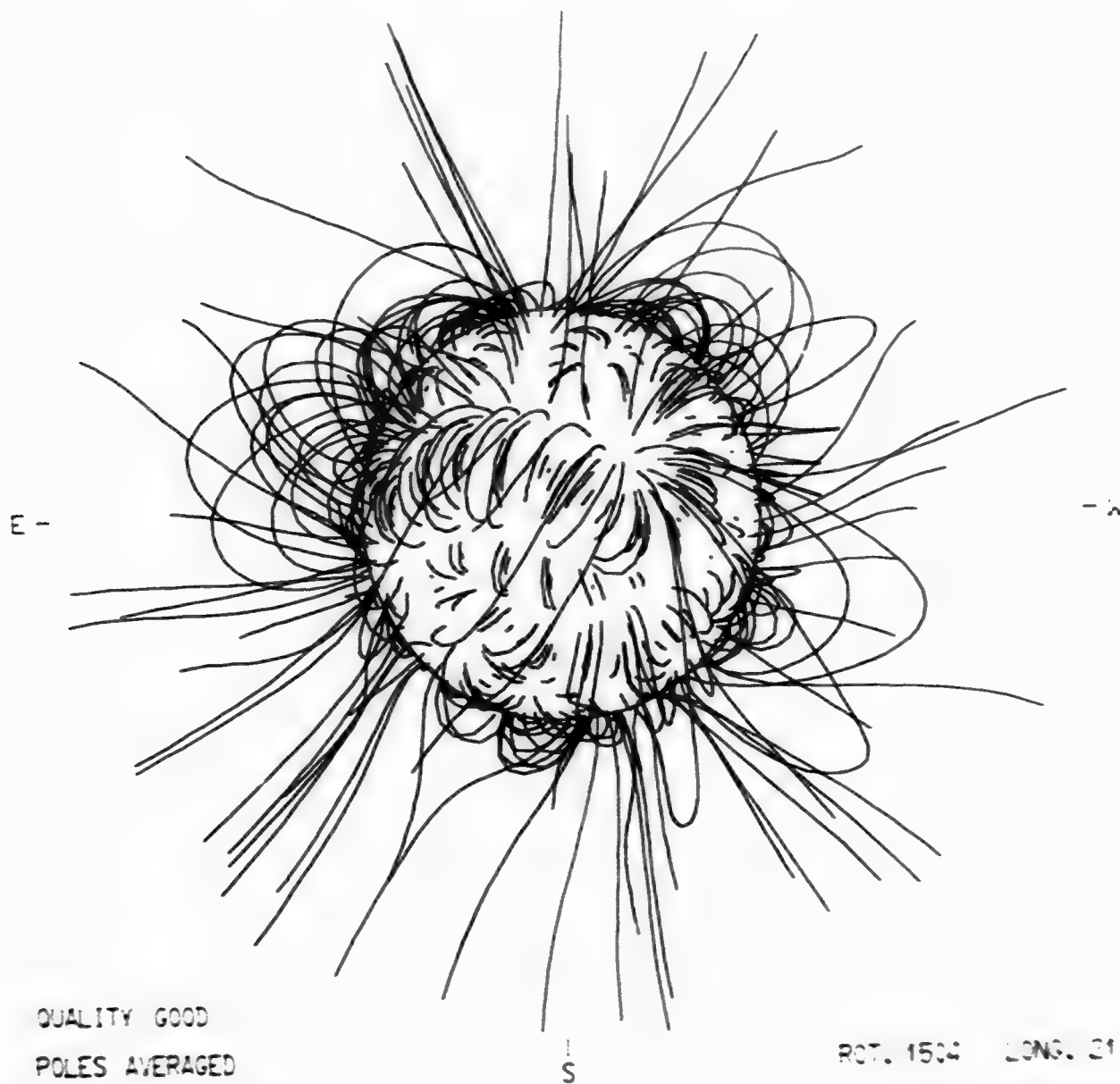
ROT. 1504 LONG. 220°
16.3 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

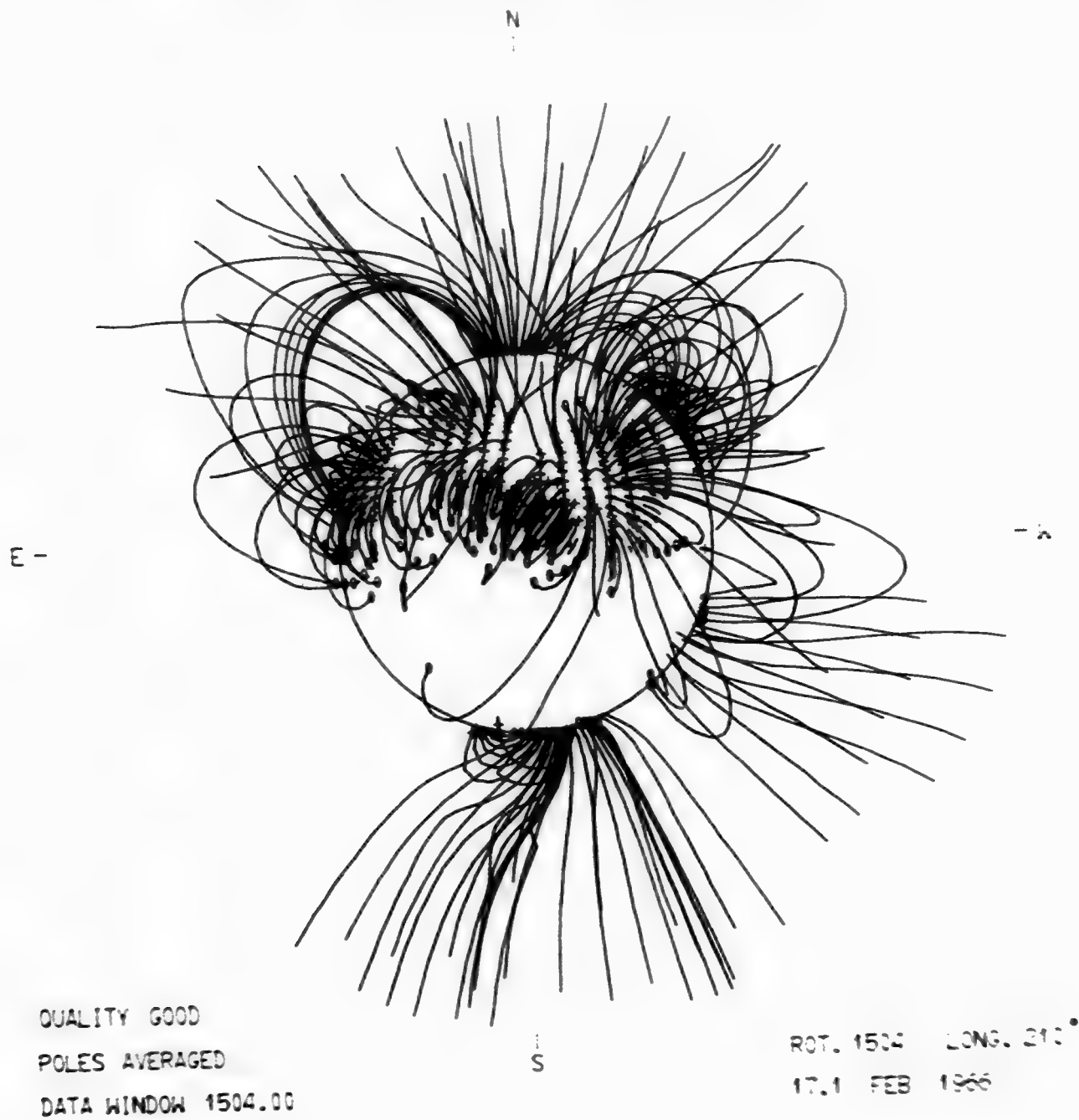
N



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

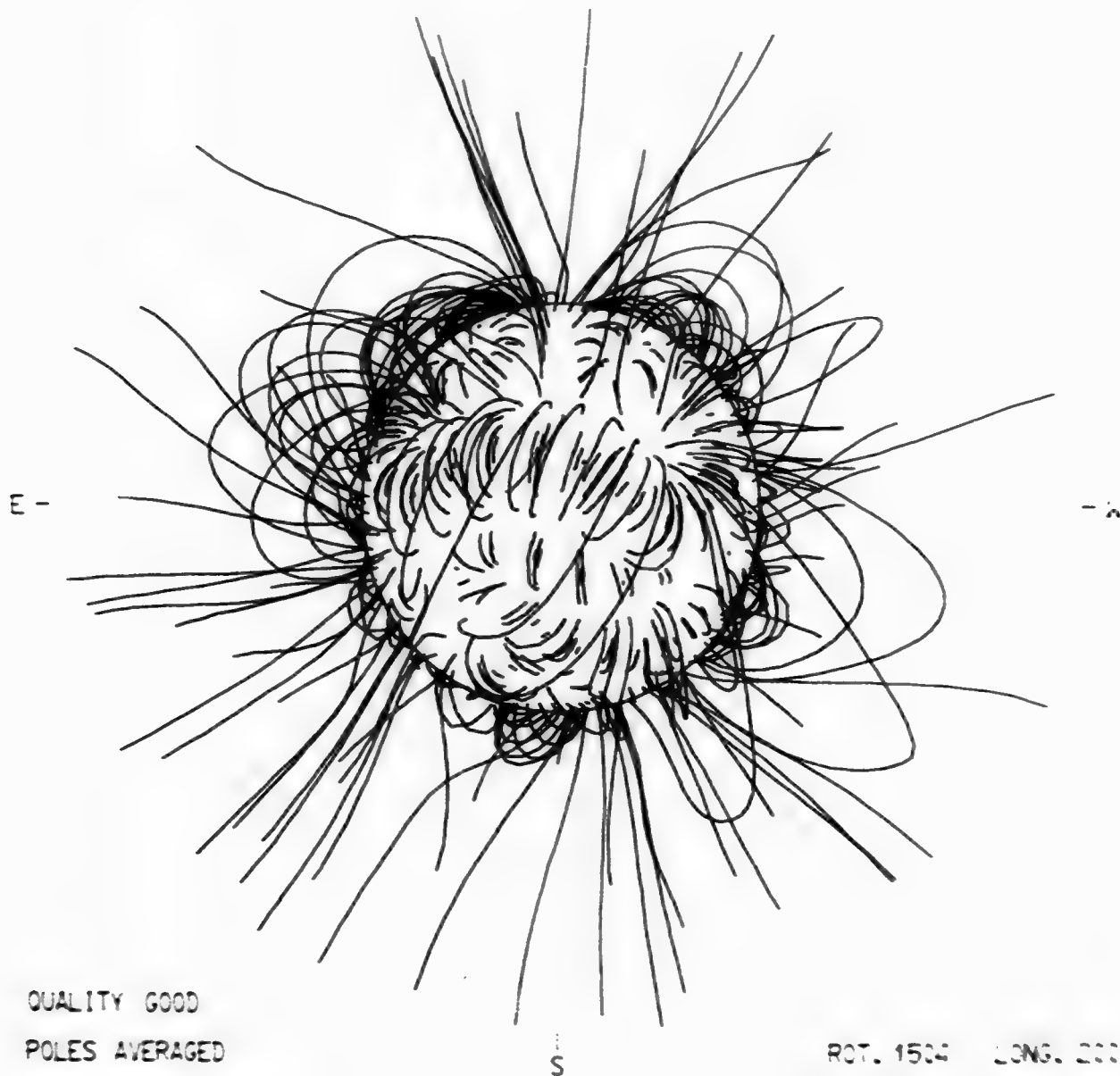
ROT. 1504 LONG. 310°
17.1 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



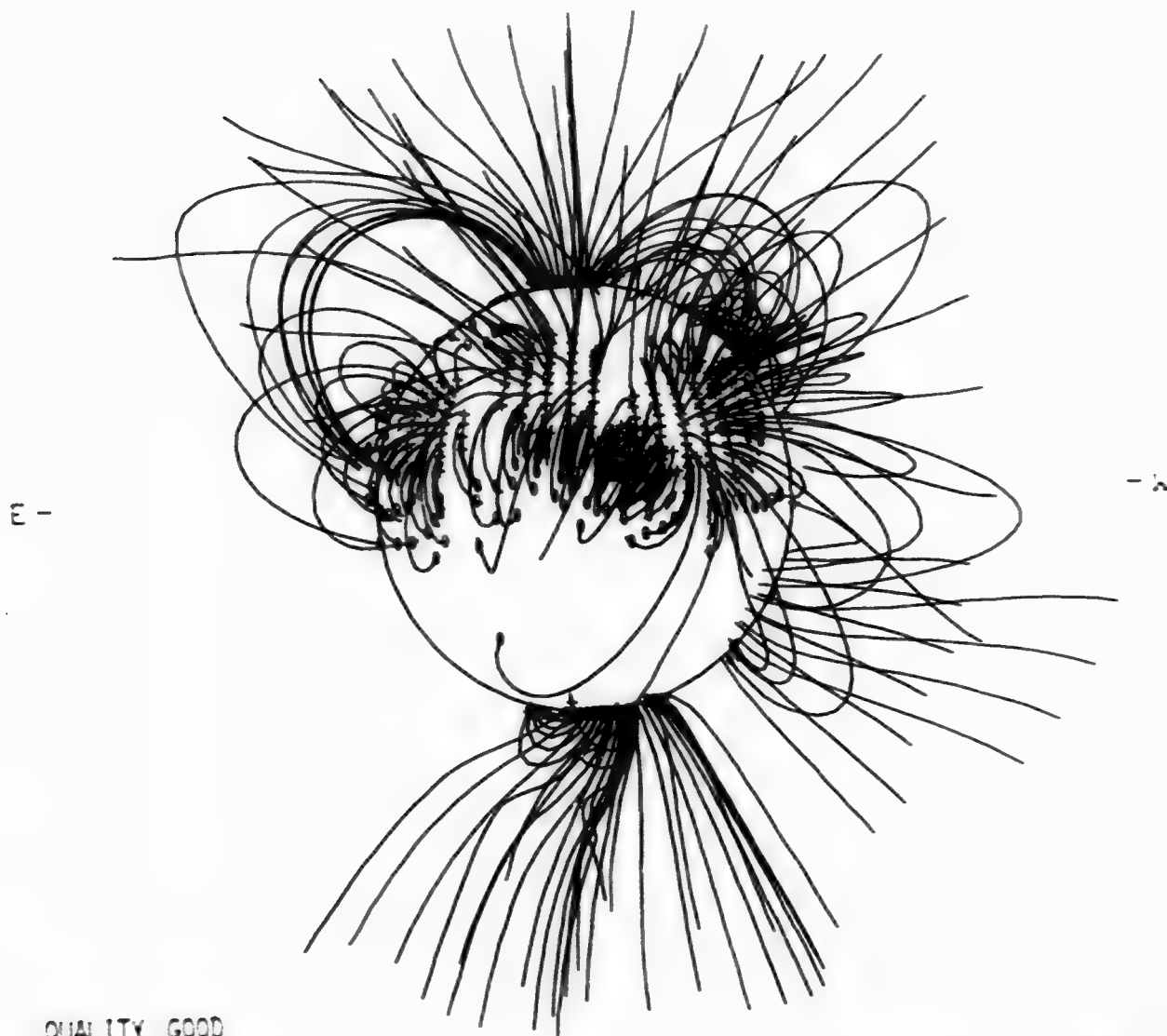
QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

S

ROT. 1504 LONG. 200°
17.8 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

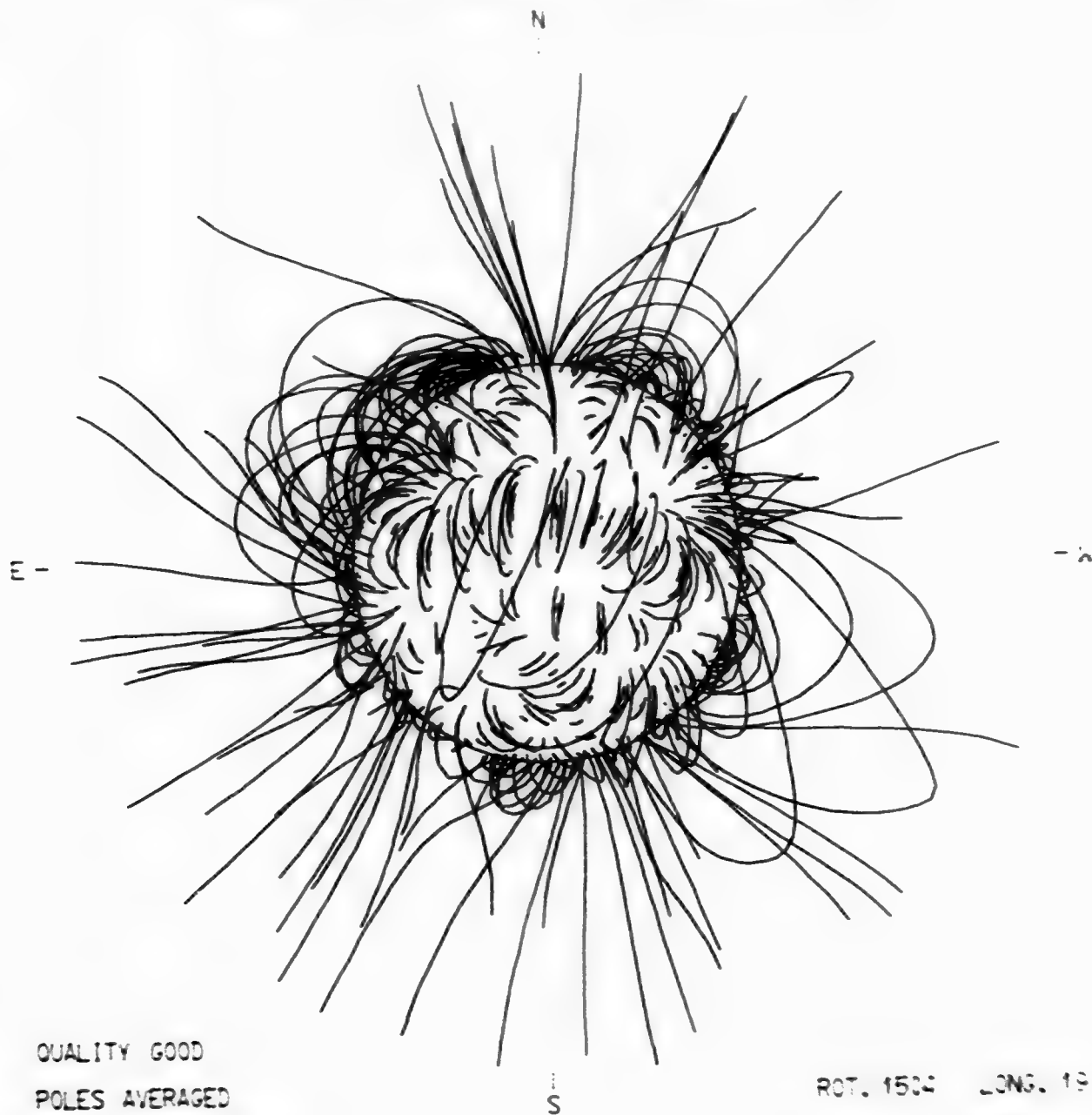


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

S

ROT. 1504 LONG. 200°
17.8 FEB 1966

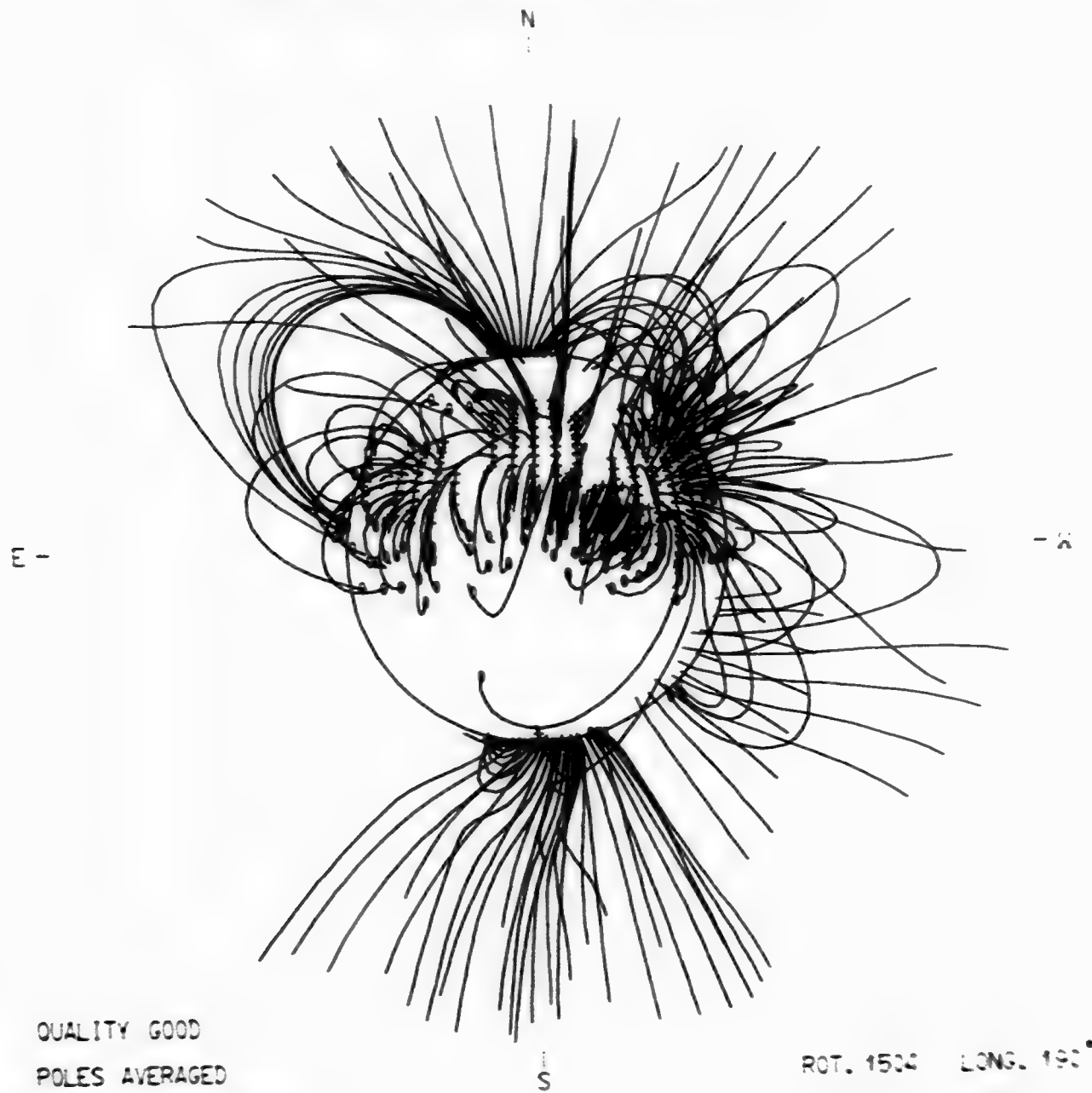
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 190°
18.6 FEB 1966

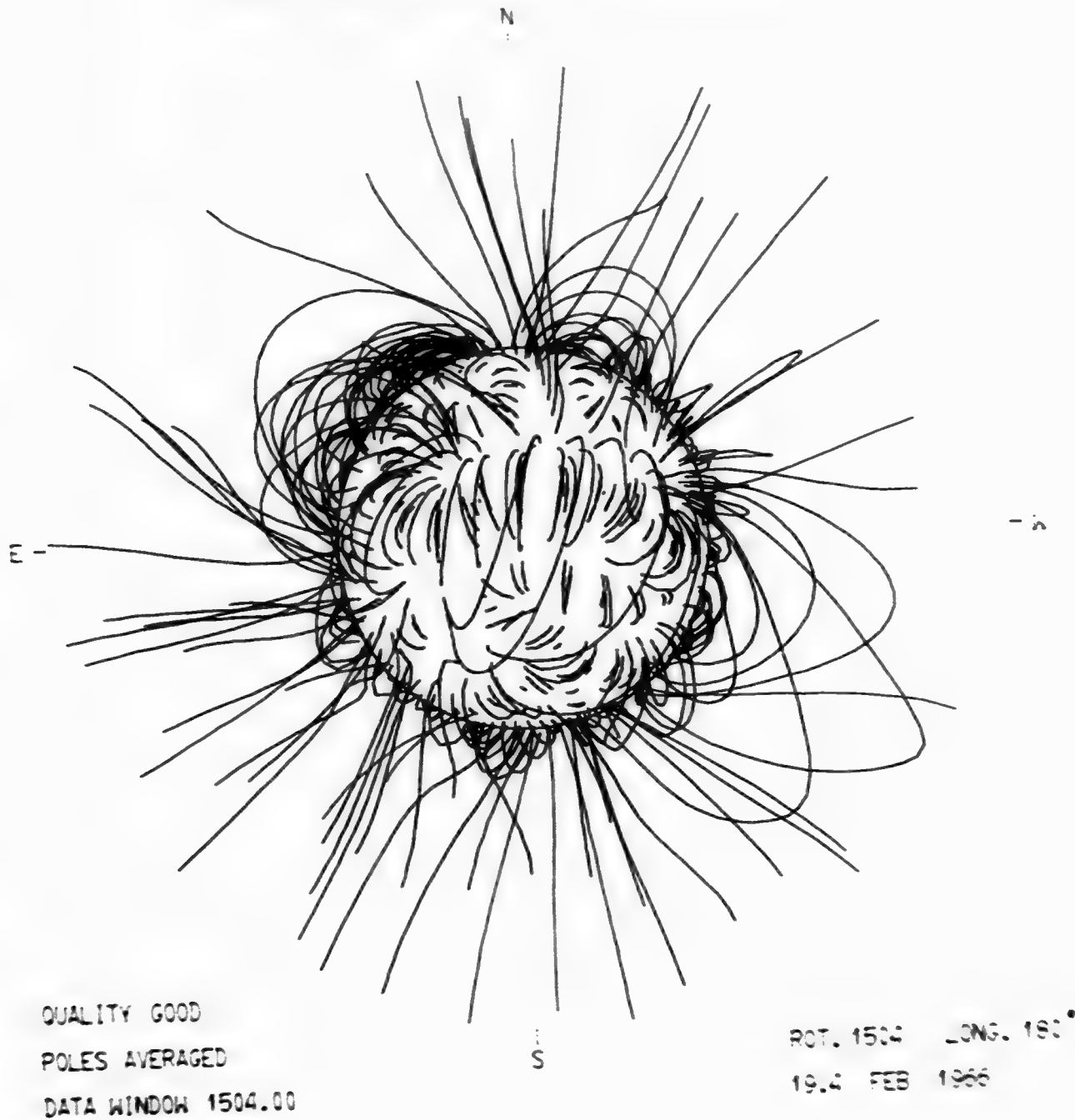
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 190°
18.6 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

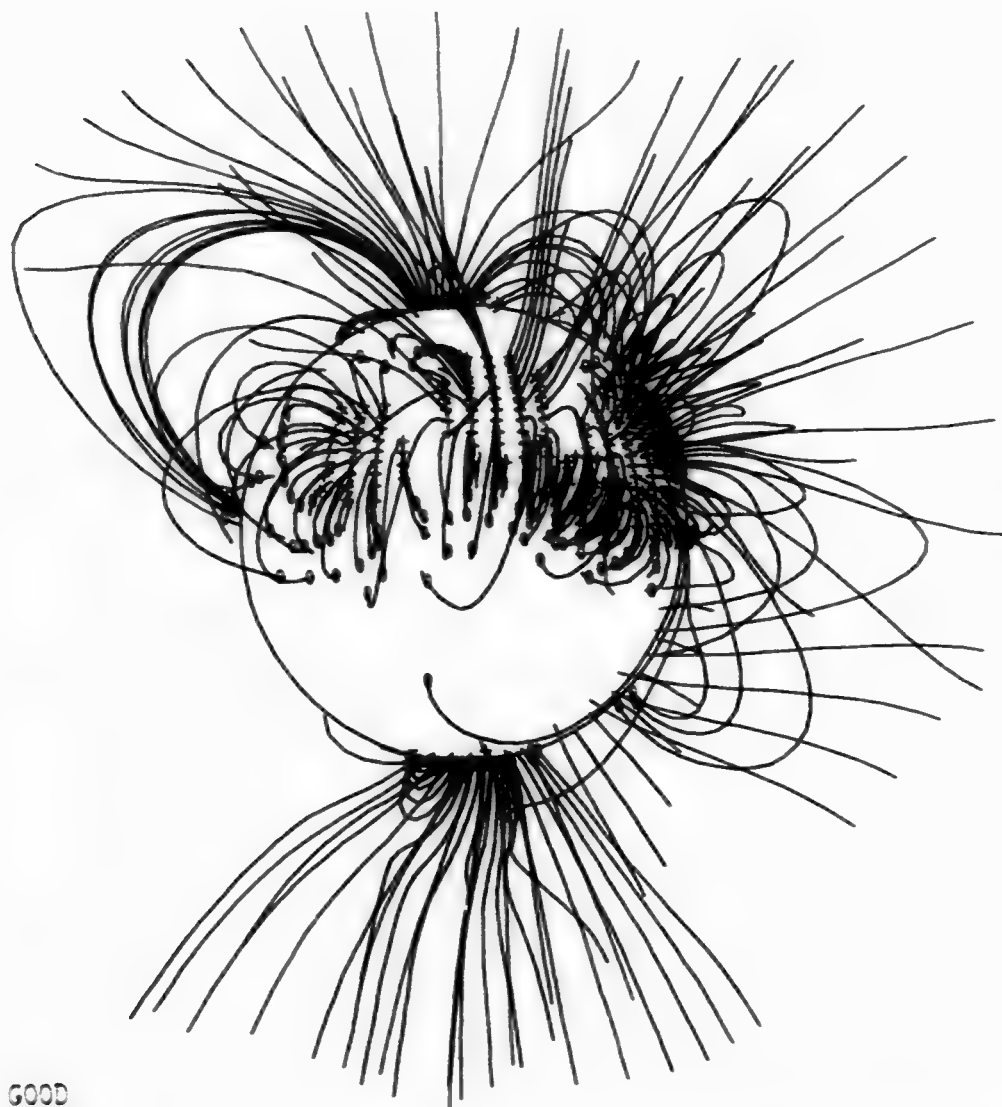
E -

- W

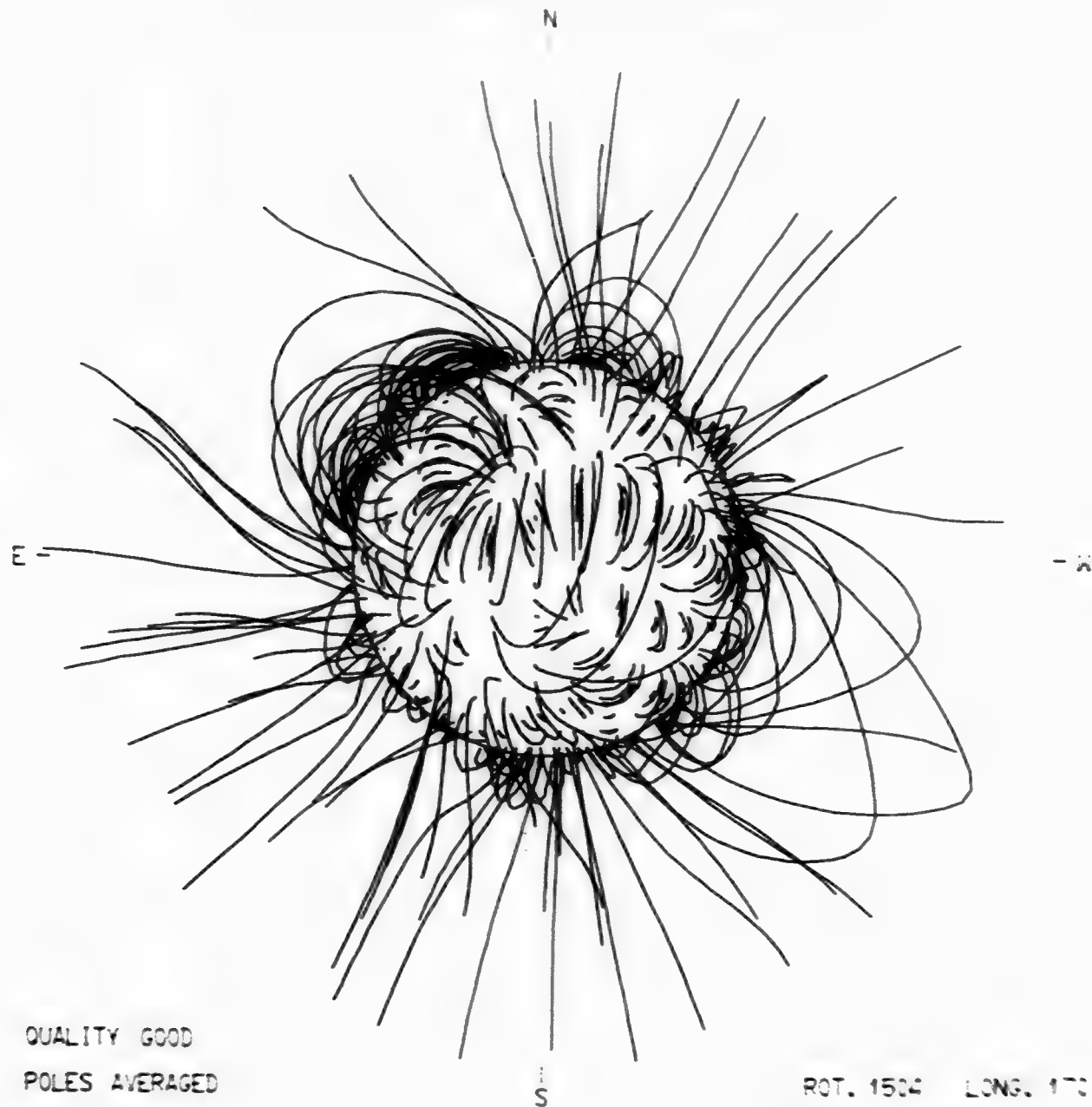
S

QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 180°
19.4 FEB 1966



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

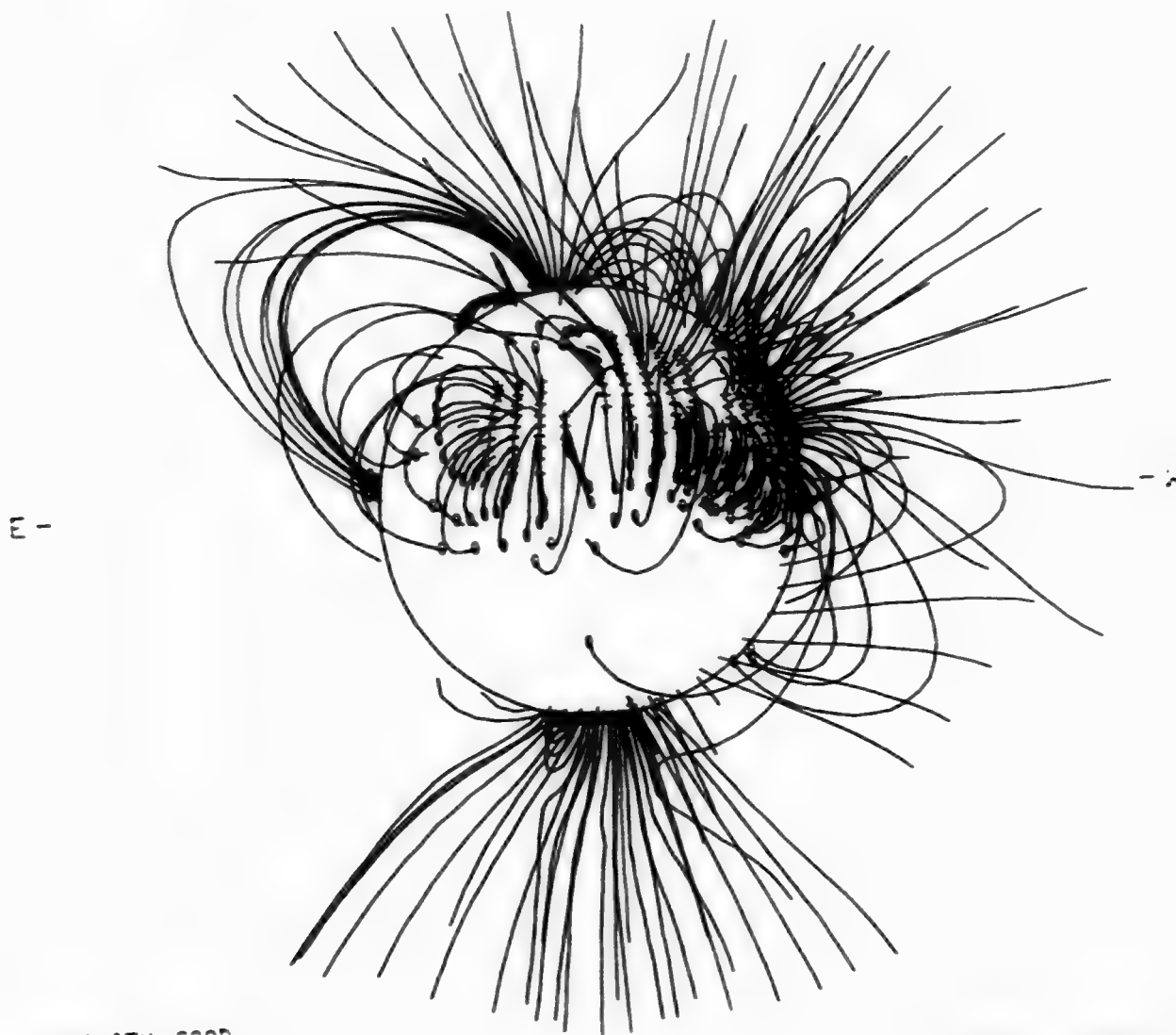


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 170°
20.1 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

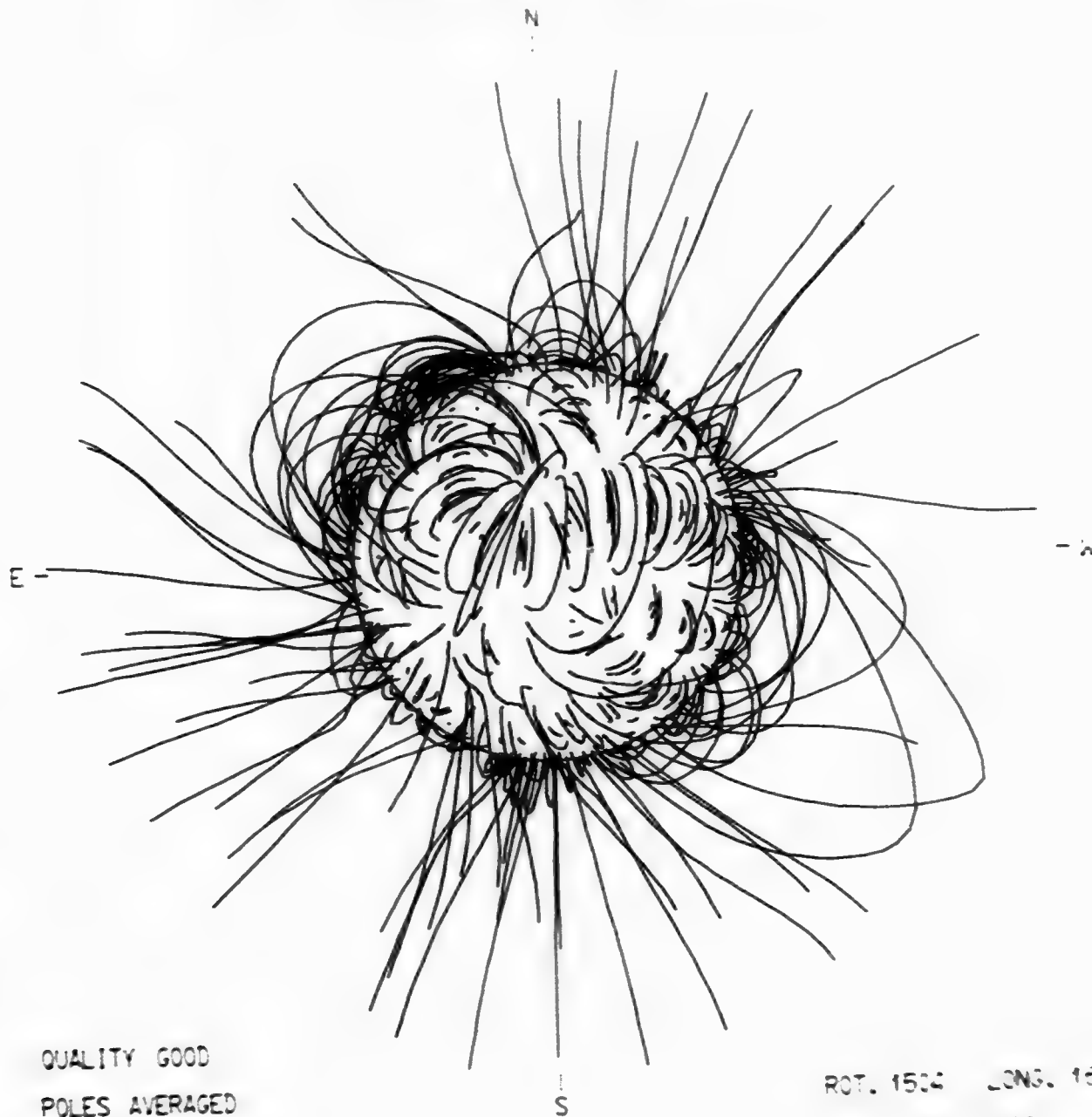


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

S

ROT. 1504 LONG. 170°
20.1 FEB 1966

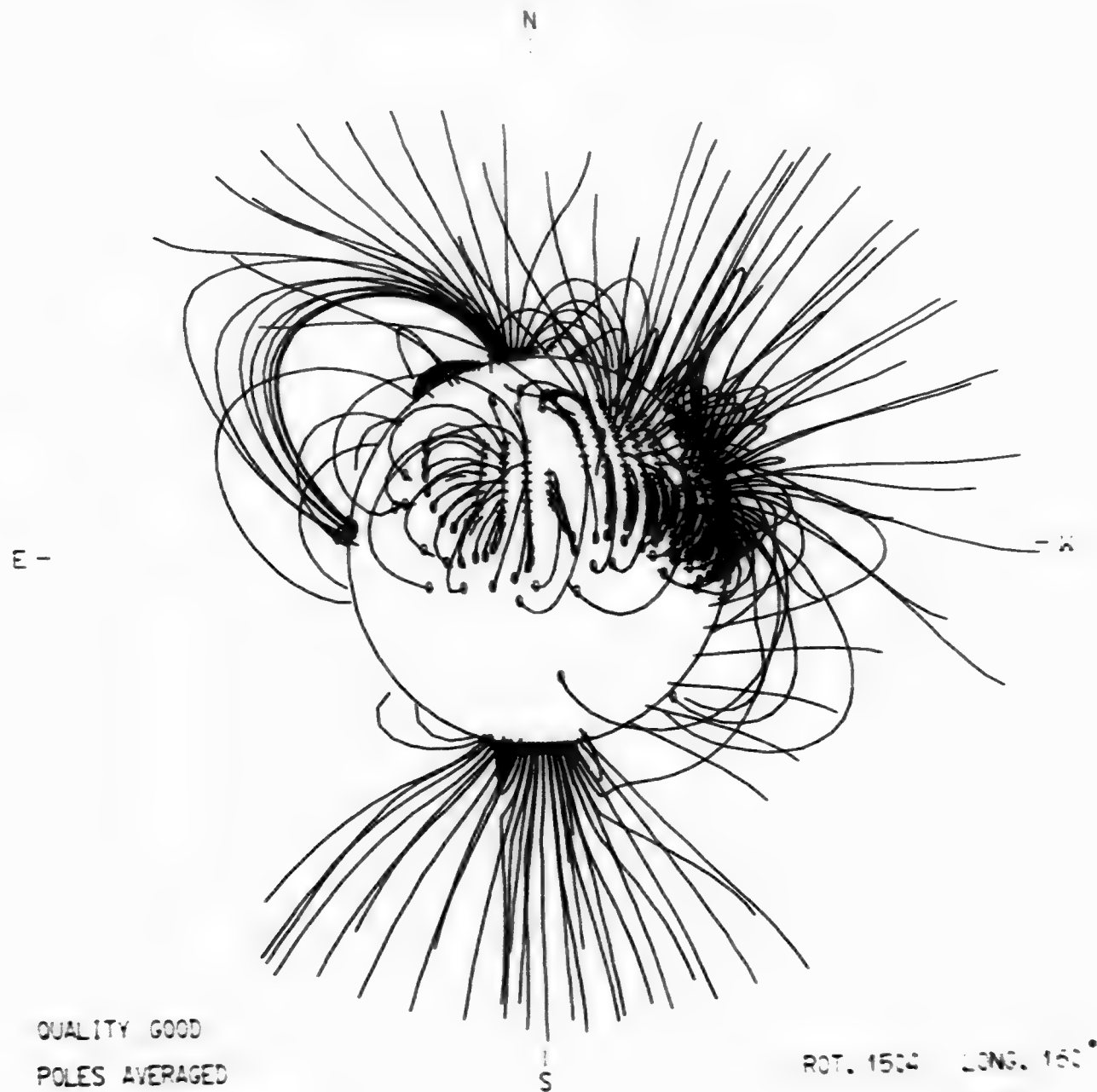
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 160°
20.9 FEB 1966

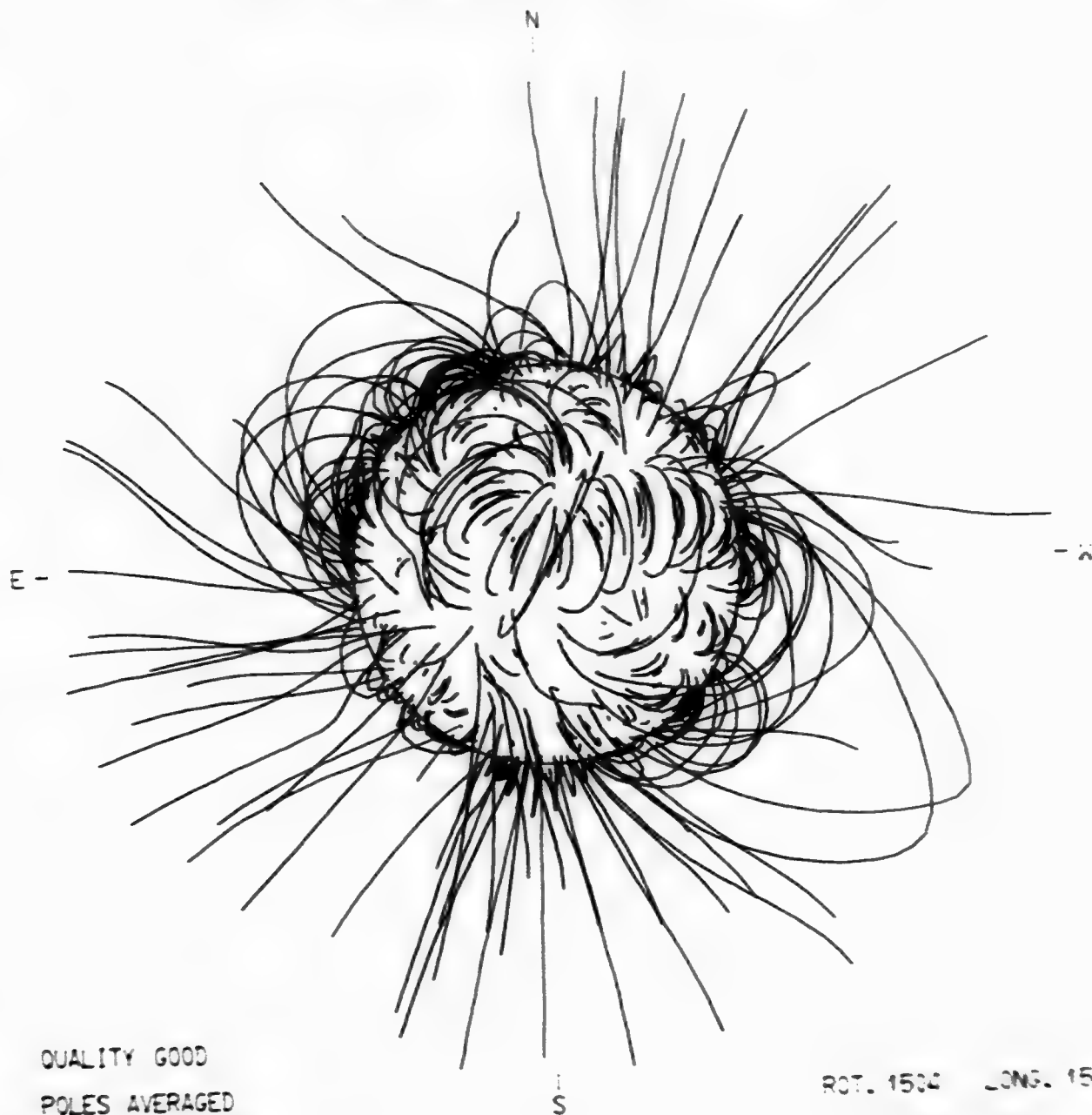
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 160°
20.9 FEB 1966

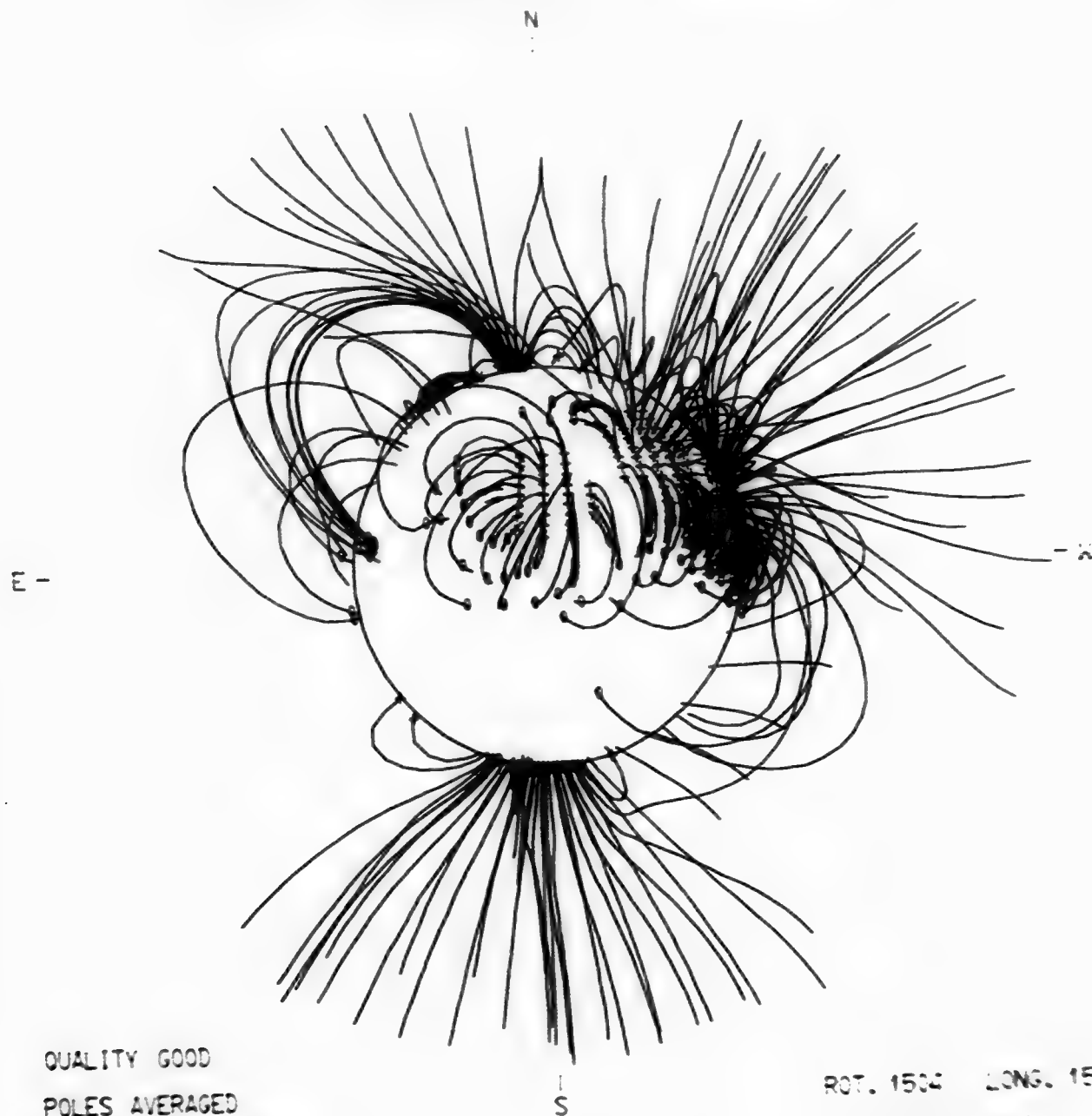
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 150°
21.6 FEB 1966

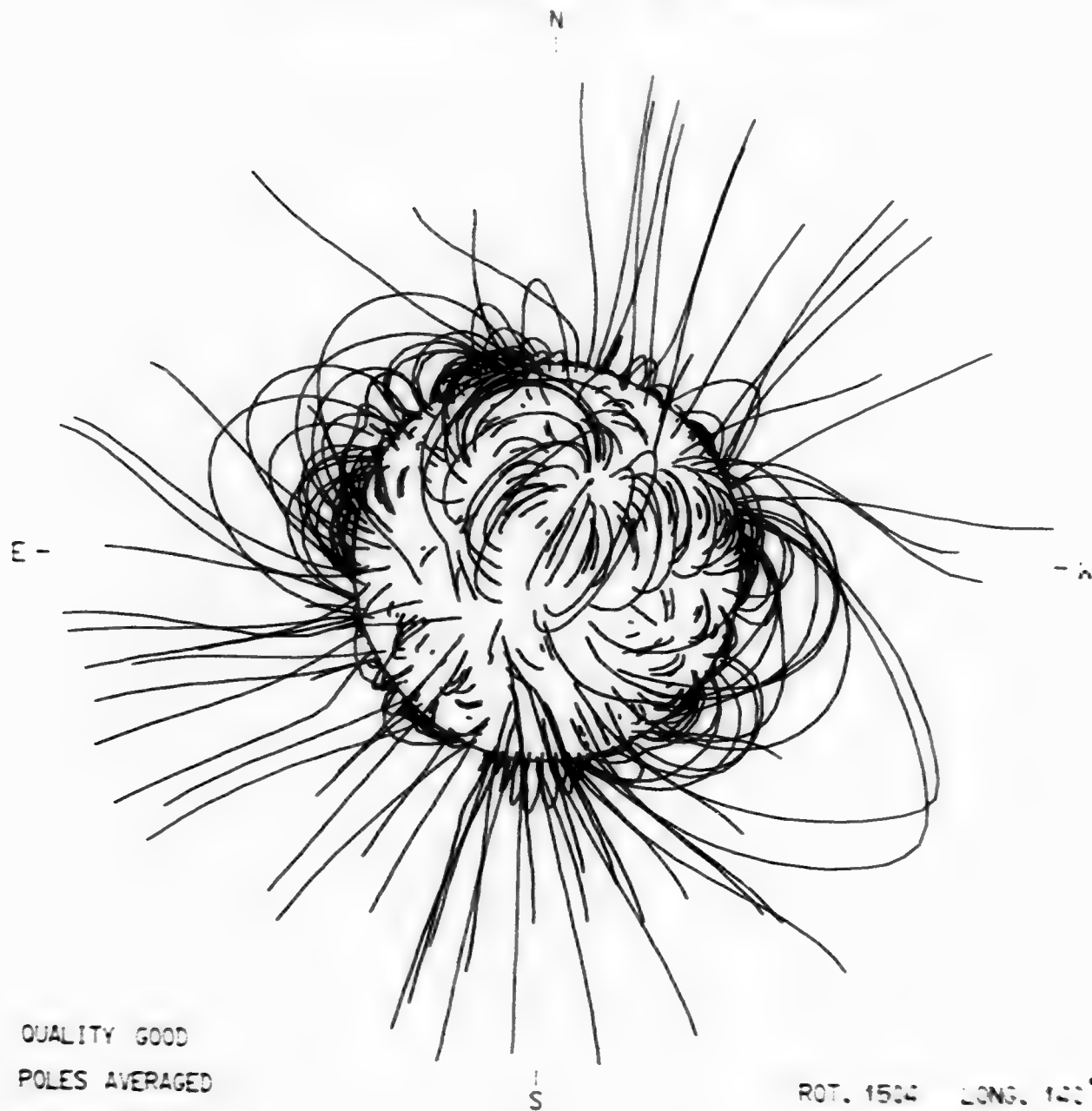
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 150°
21.6 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

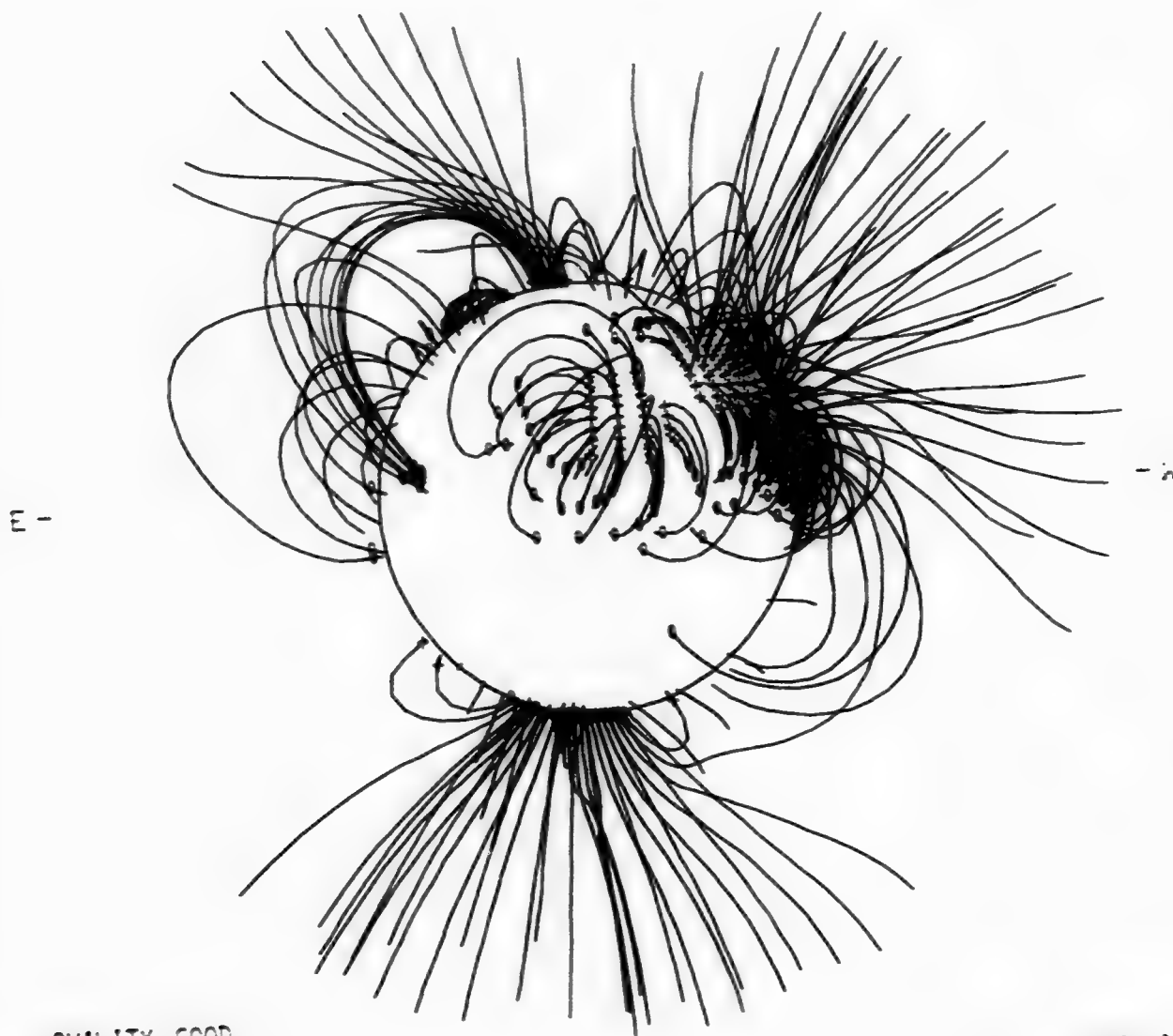


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 120°
22.4 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

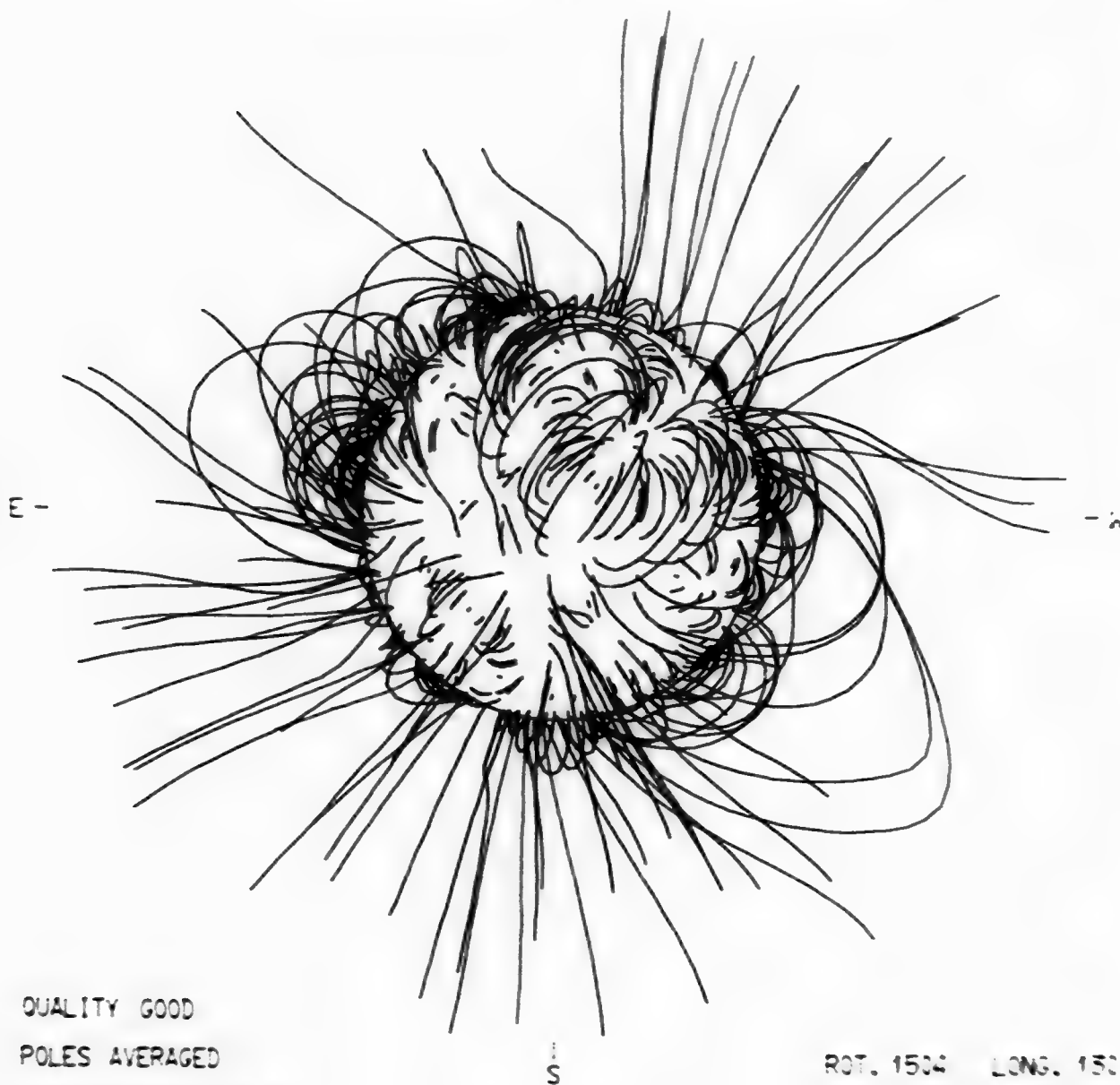


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 140°
22.4 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

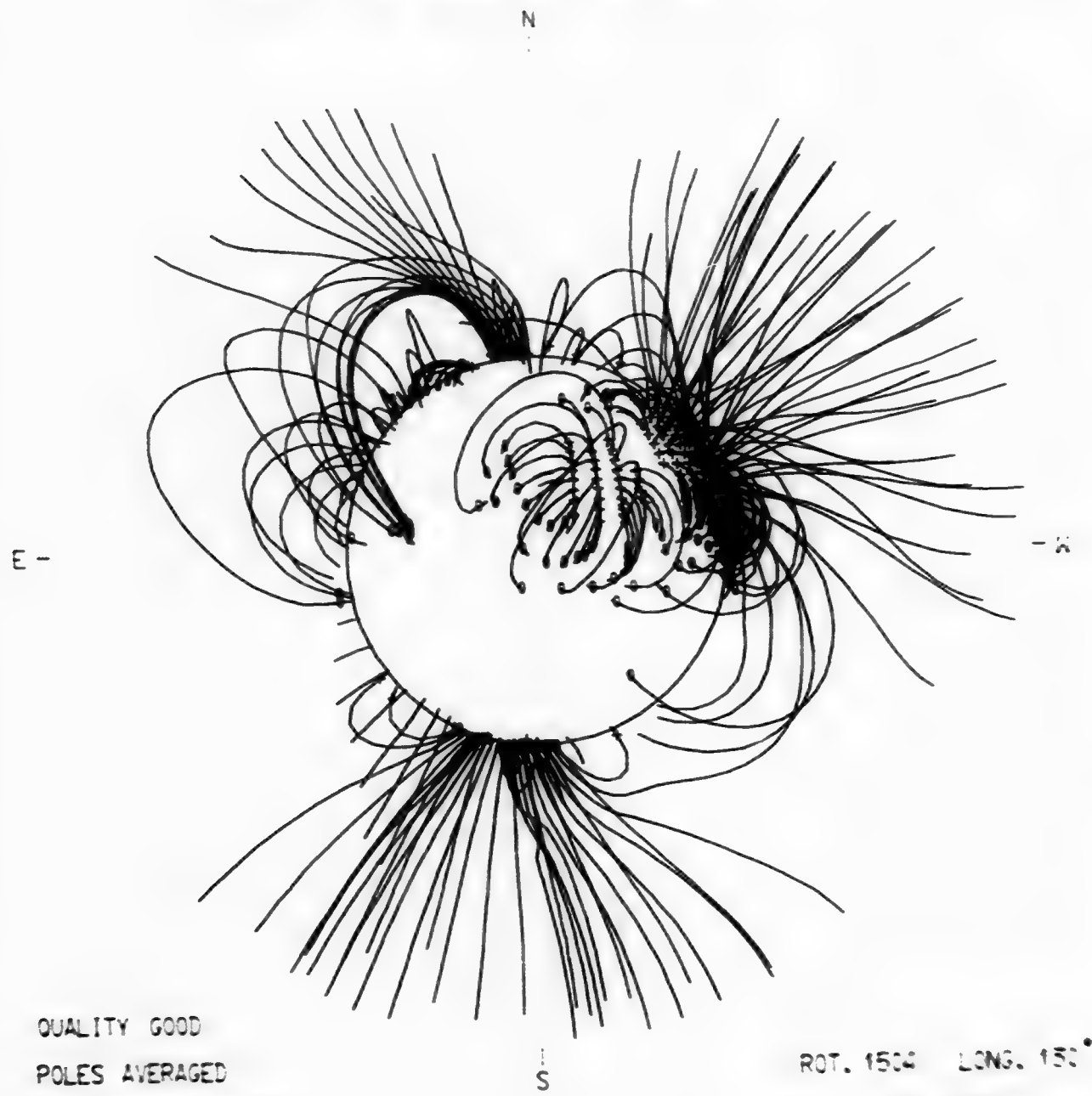


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

S

ROT. 1504 LONG. 150°
23.2 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

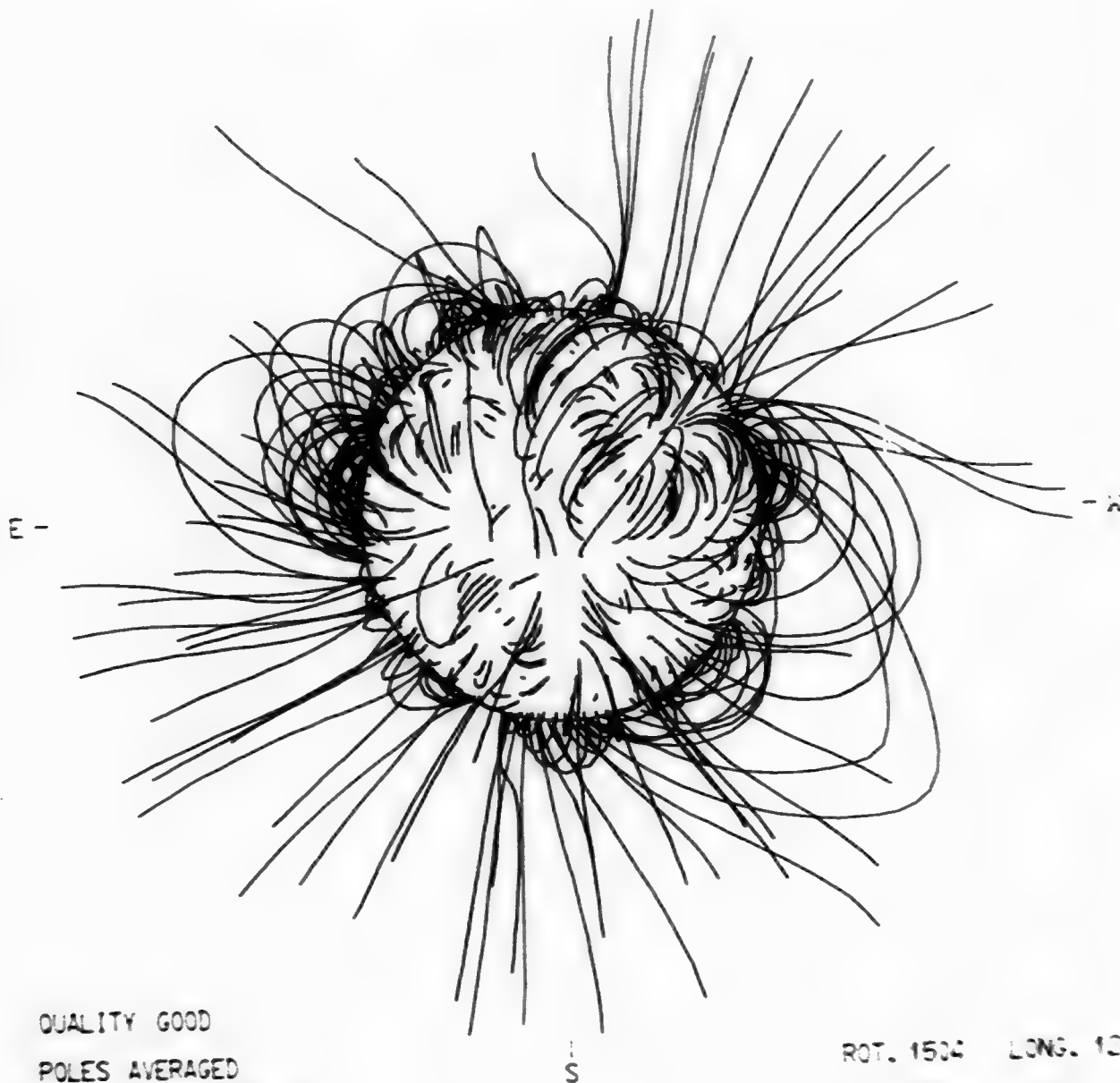


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 130°
23.2 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

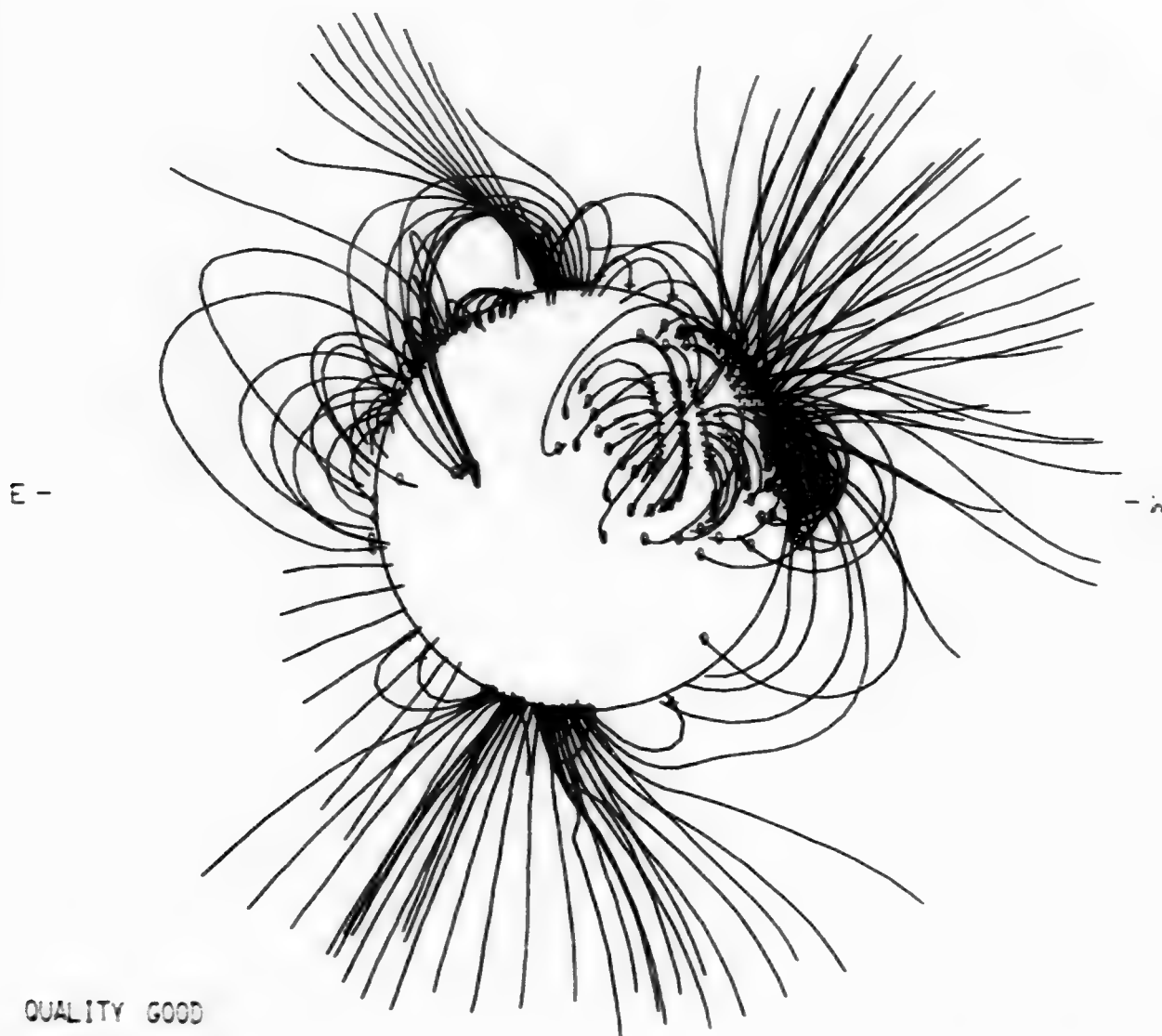


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 120°
23.9 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY GOOD

POLES AVERAGED

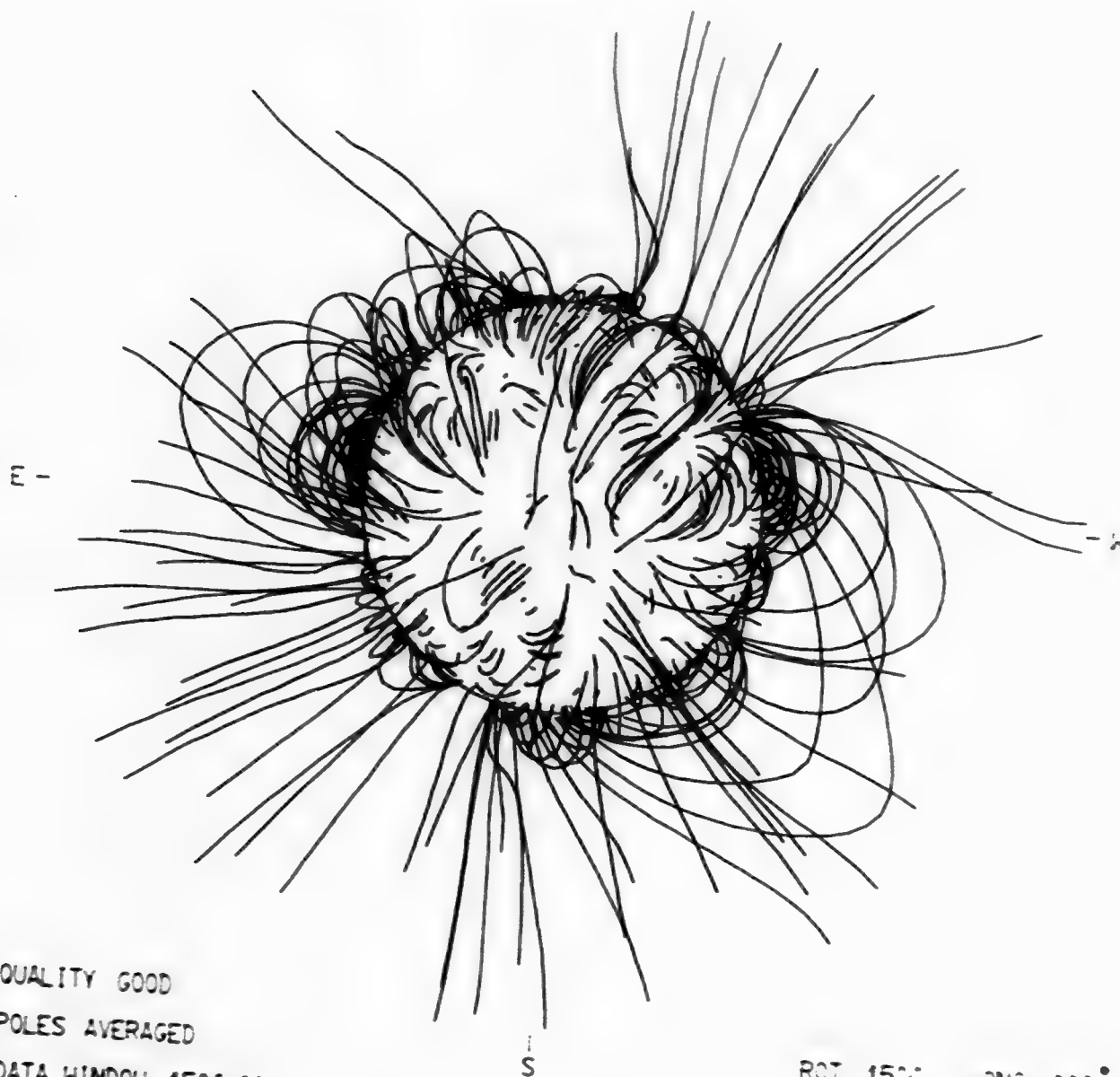
DATA WINDOW 1504.00

ROT. 1504 LONG. 120°

23.9 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

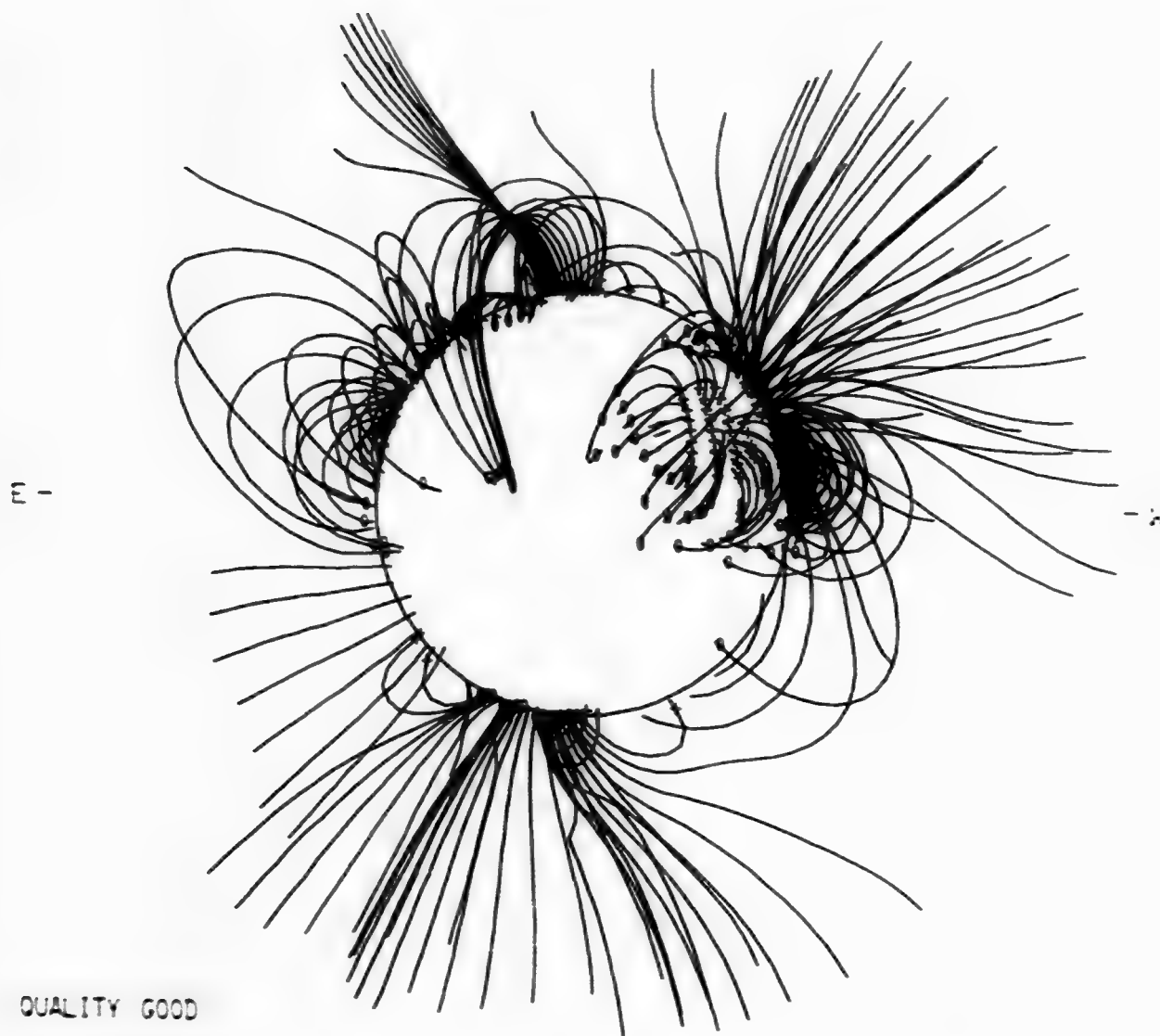


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

ROT. 1504 LONG. 110°
24.7 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY GOOD

POLES AVERAGED

DATA WINDOW 1504.00

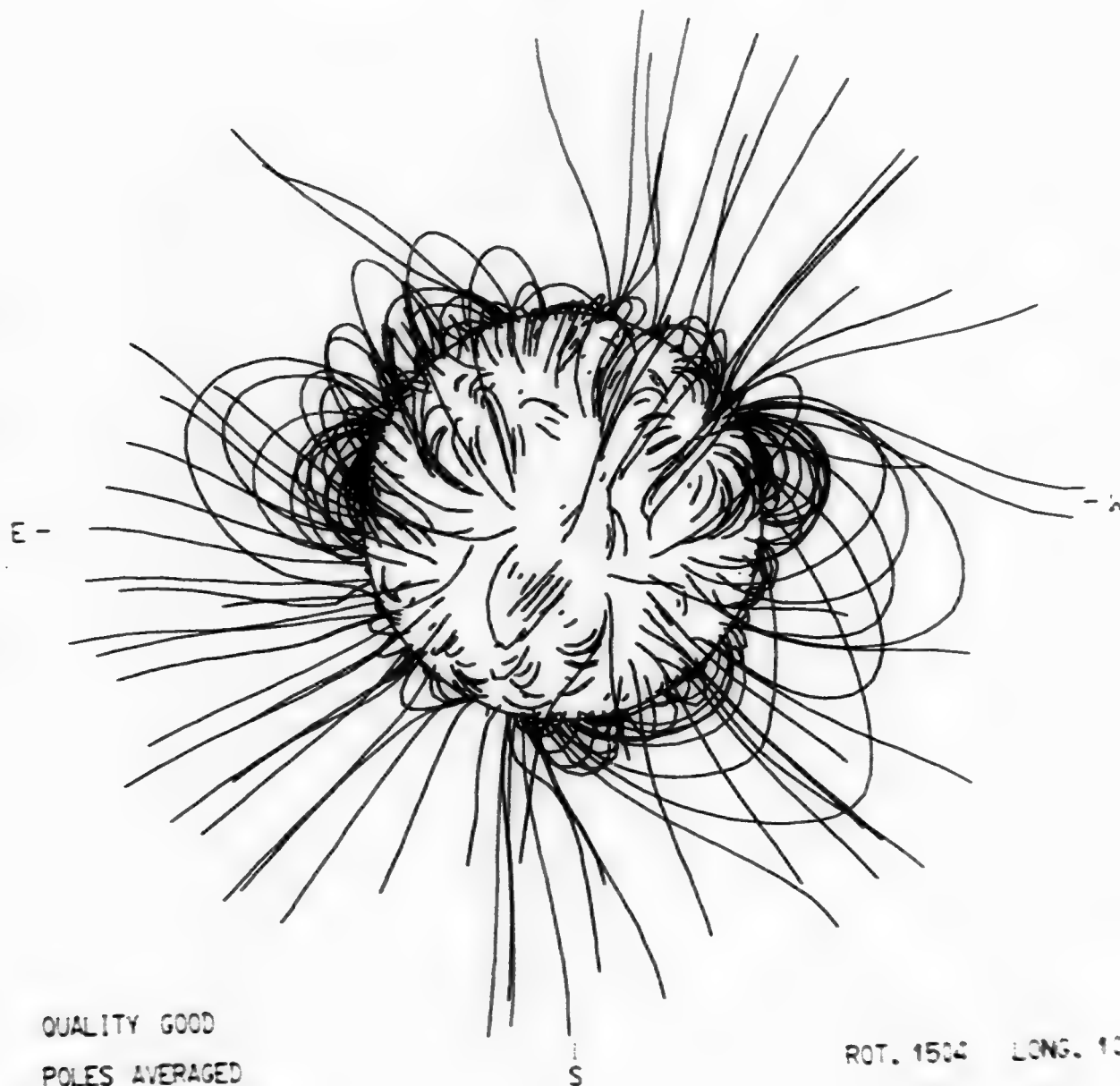
S

ROT. 1504 LONG. 110°

24.7 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

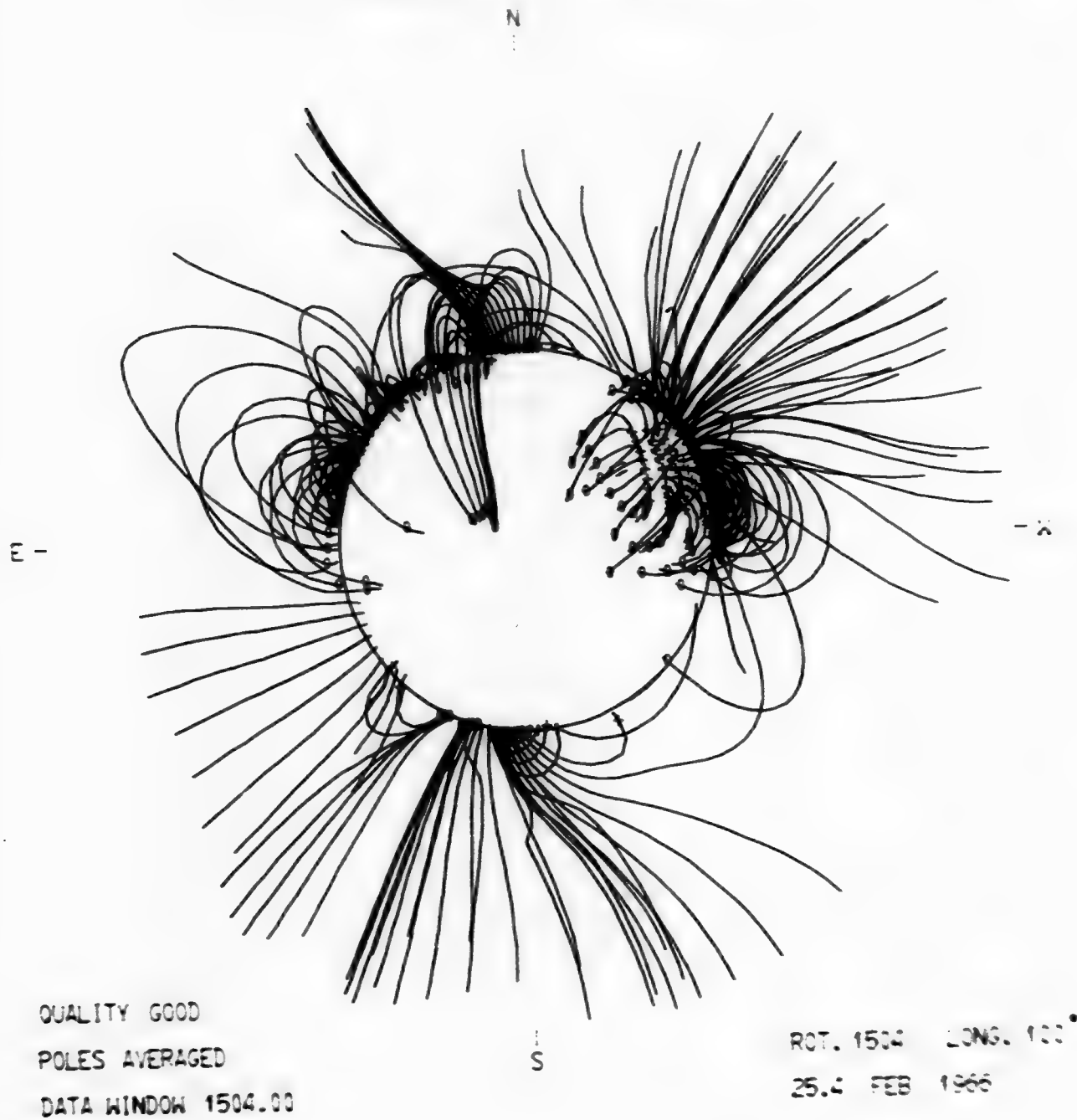
N



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

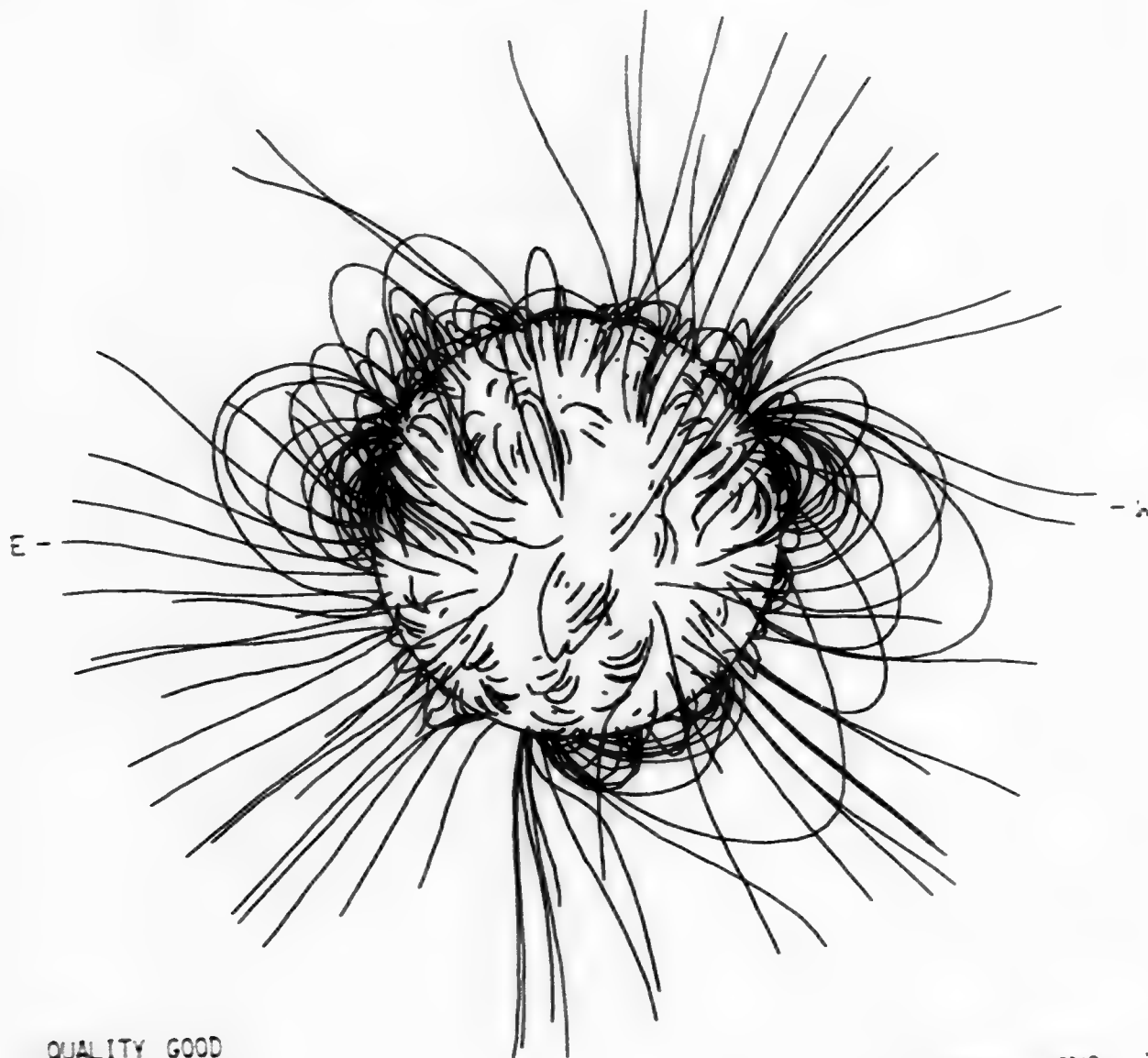
ROT. 1504 LONG. 100°
25.4 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

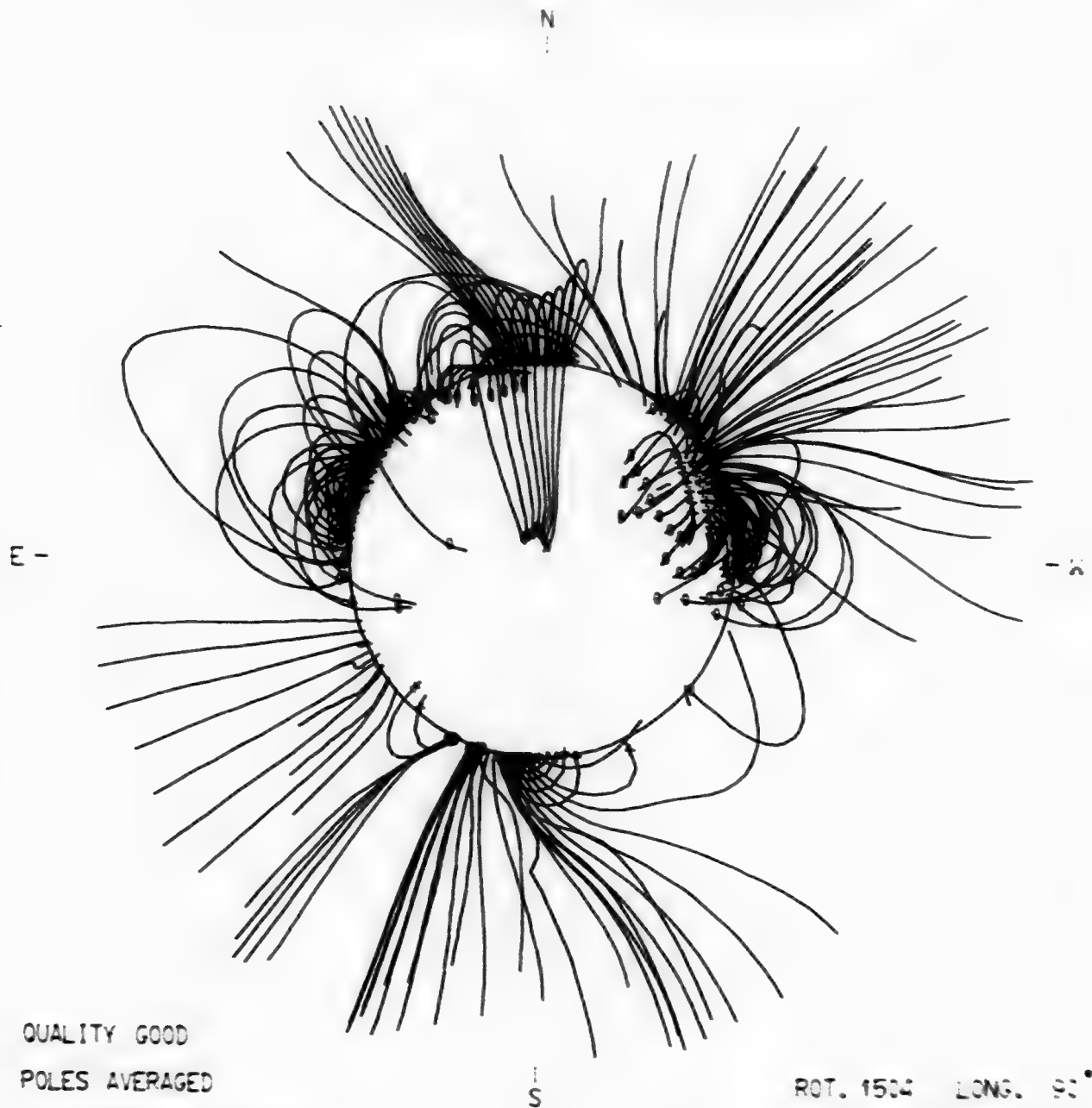


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.00

S

ROT. 1504 LONG. 90°
26.2 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

POLES AVERAGED

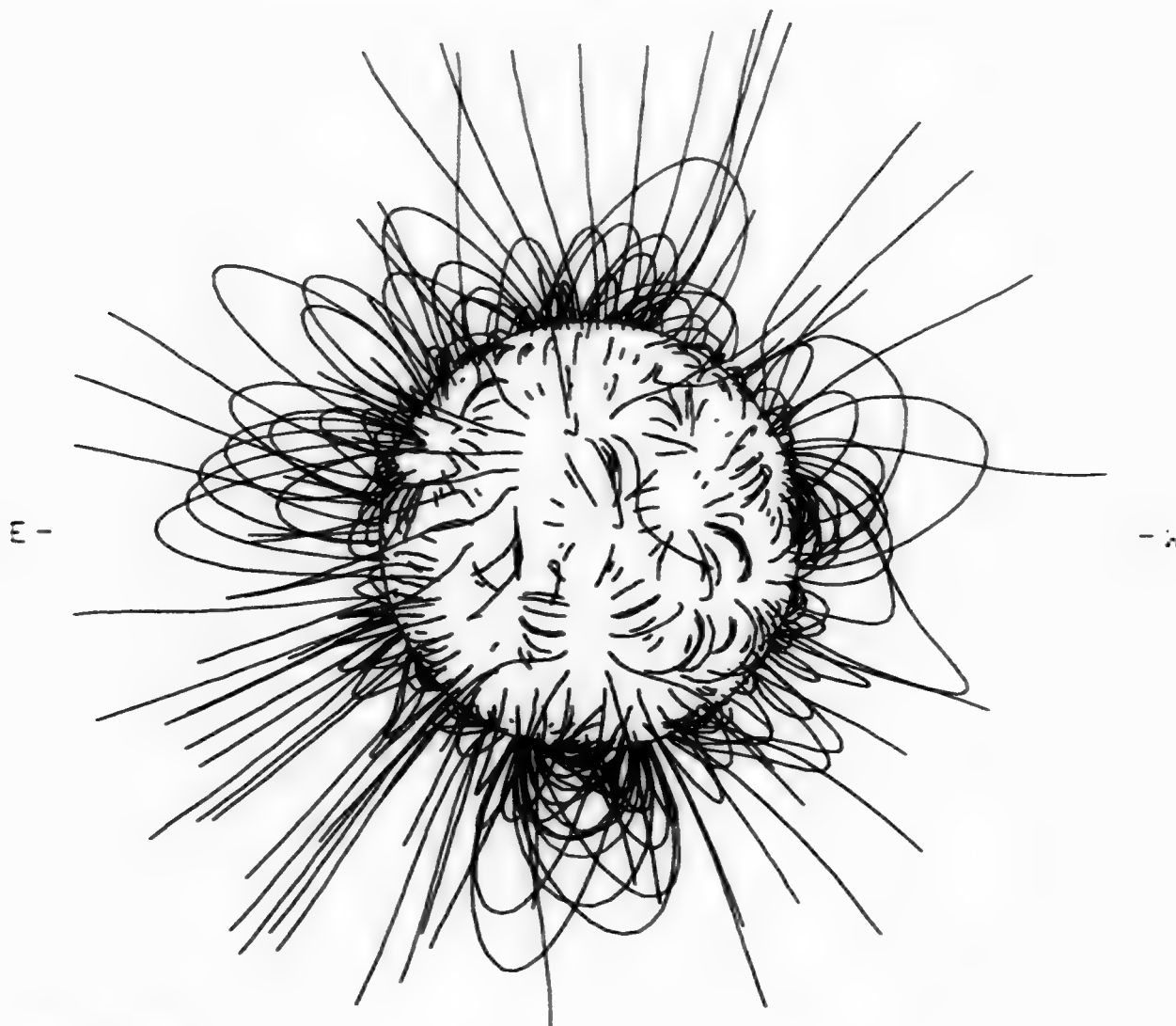
DATA WINDOW 1504.00

ROT. 1504 LONG. 91°

26.2 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY GOOD

POLES AVERAGED

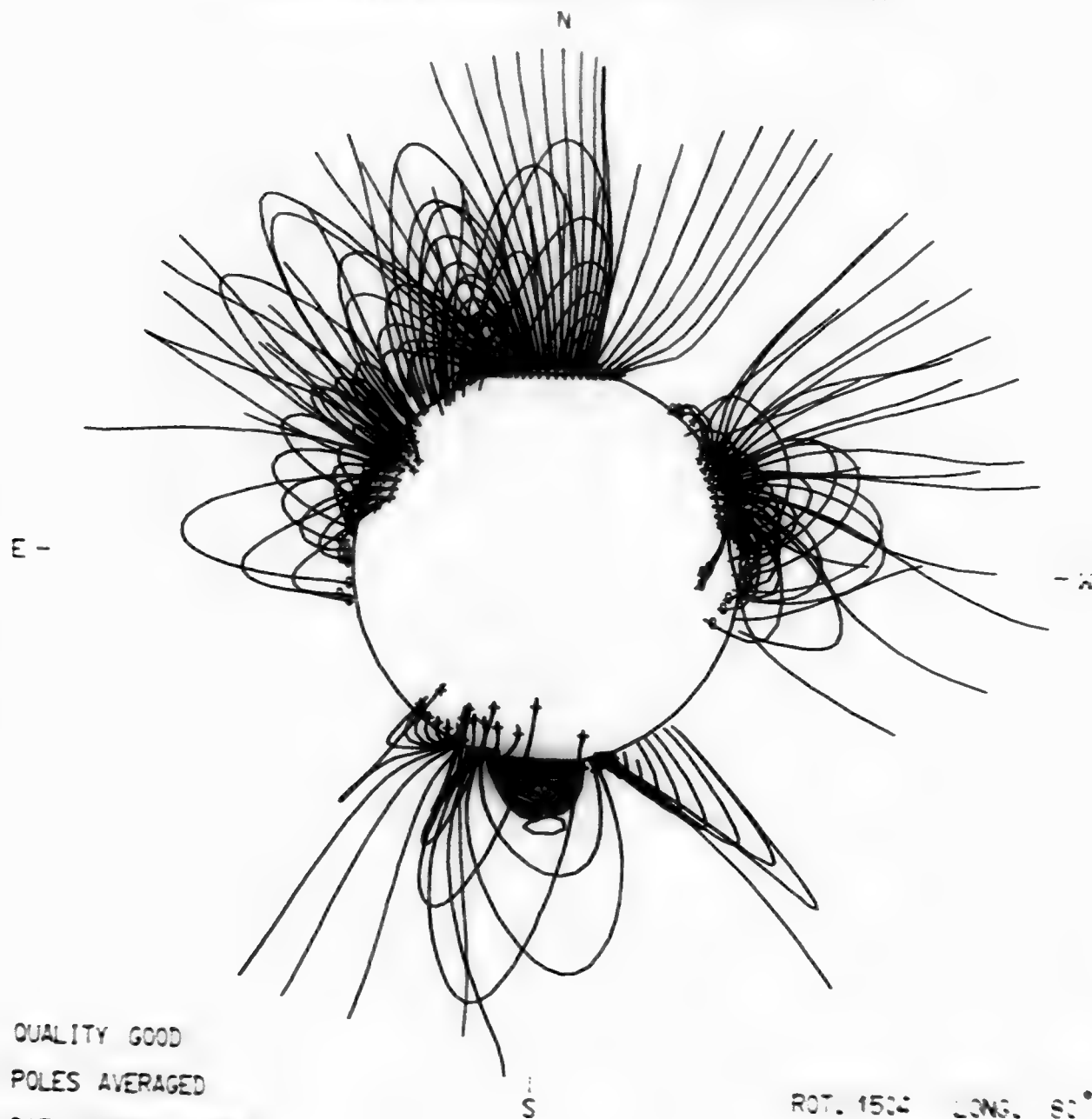
DATA WINDOW 1504.47

S

ROT. 1504 LONG. 81°

27.0 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

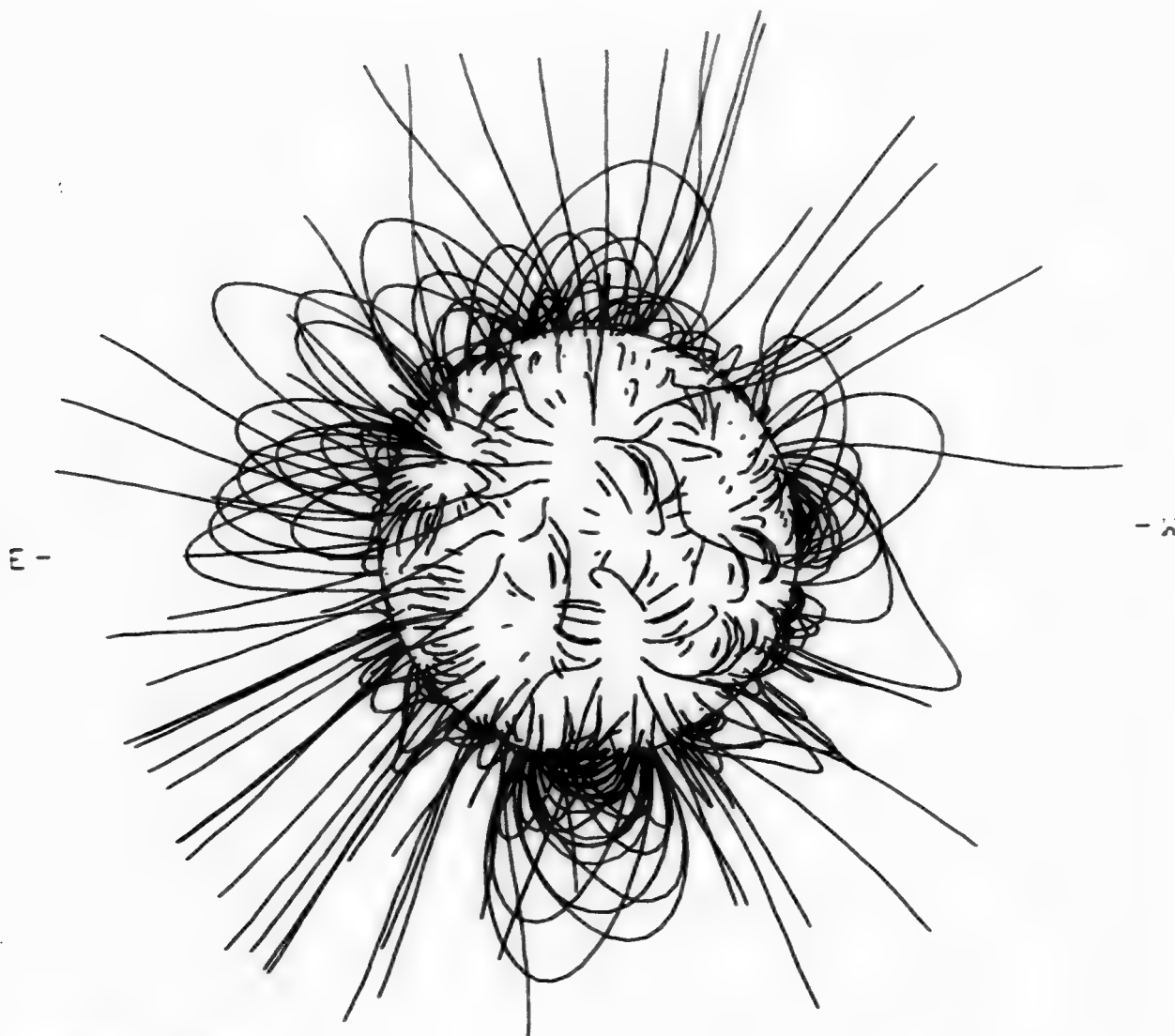


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

ROT. 1500 LONG. 80°
27.0 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

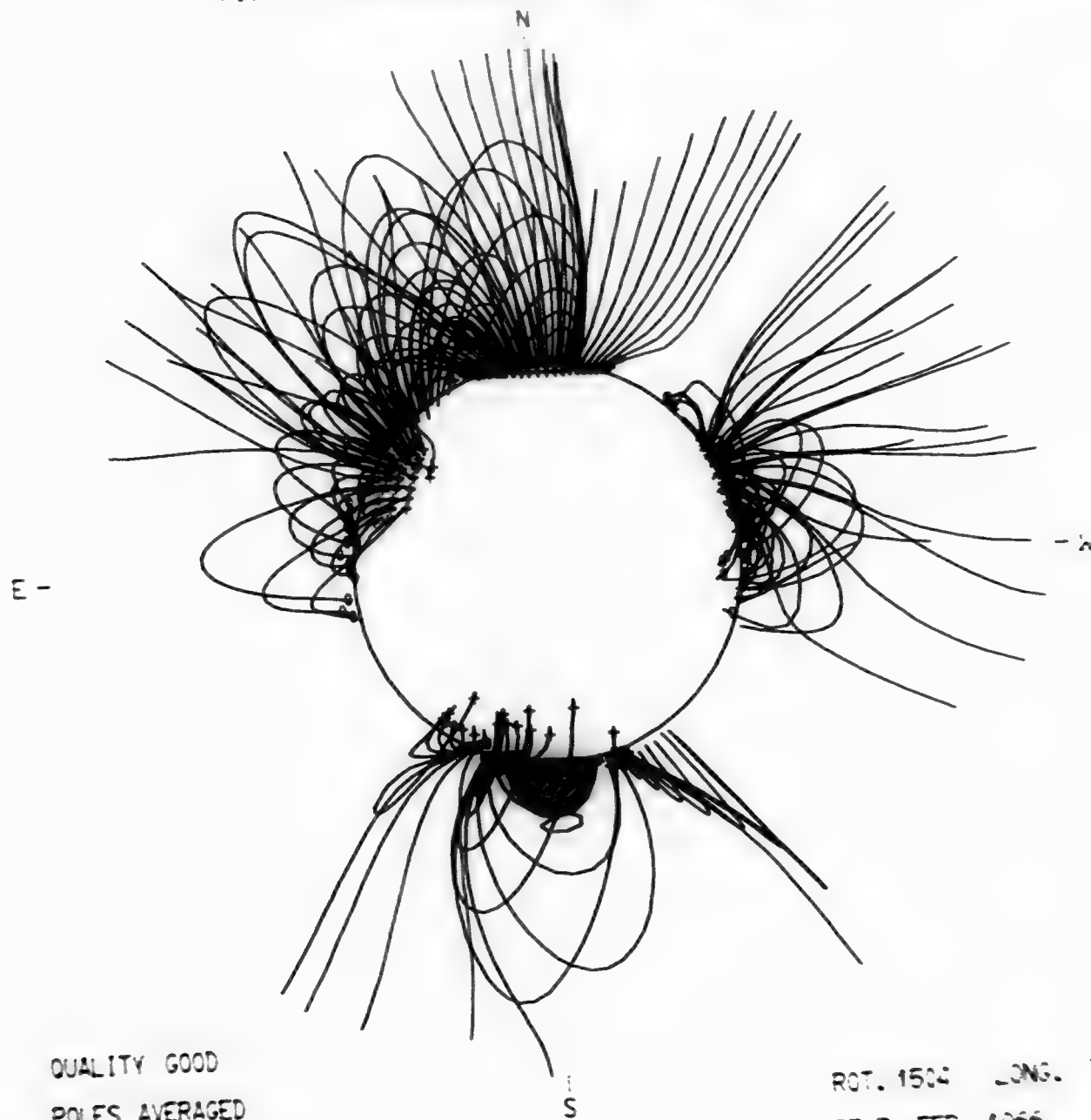


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

S

ROT. 1504 LONG. 70°
27.7 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

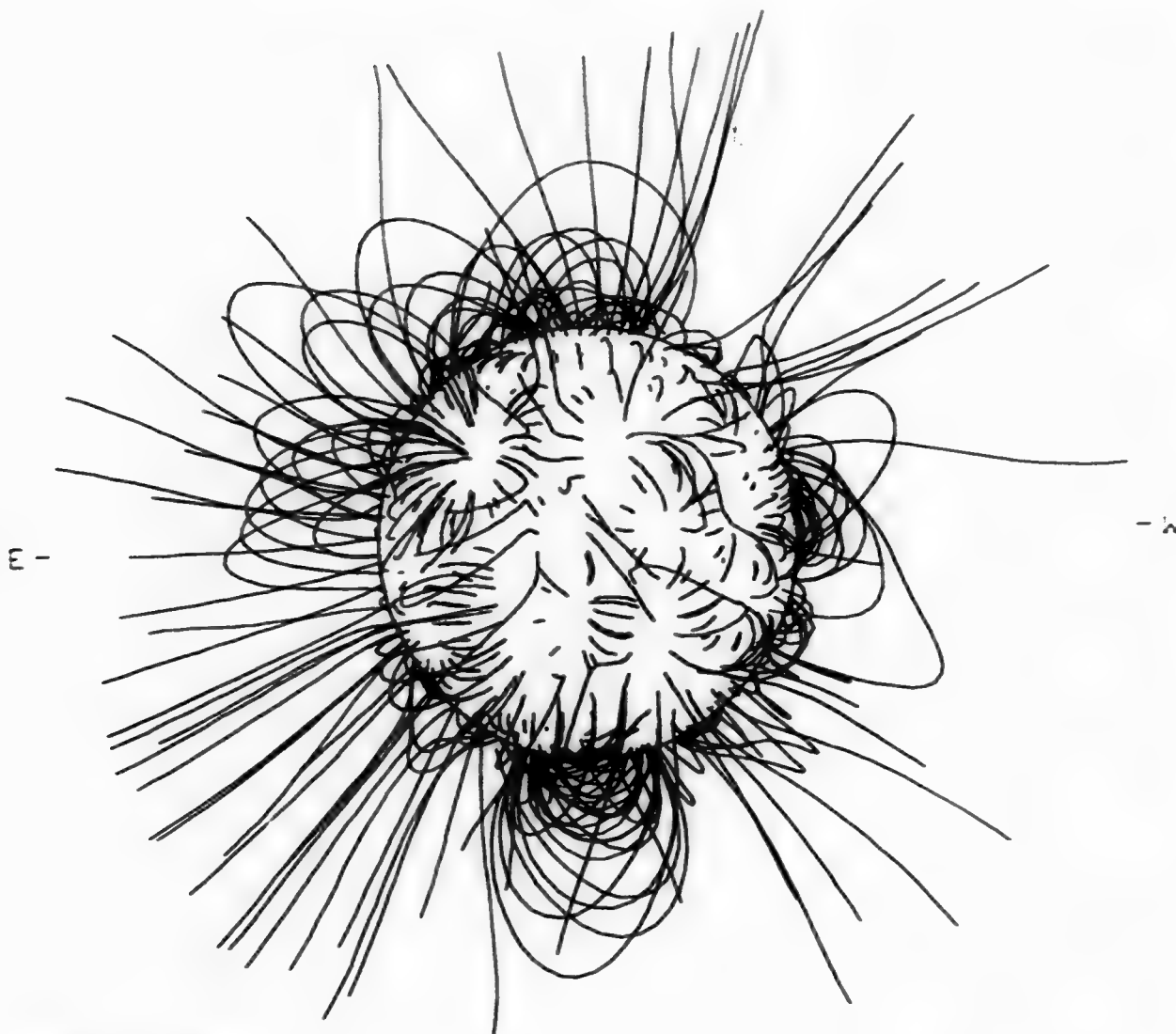


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

ROT. 1504 LONG. 70°
27.7 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

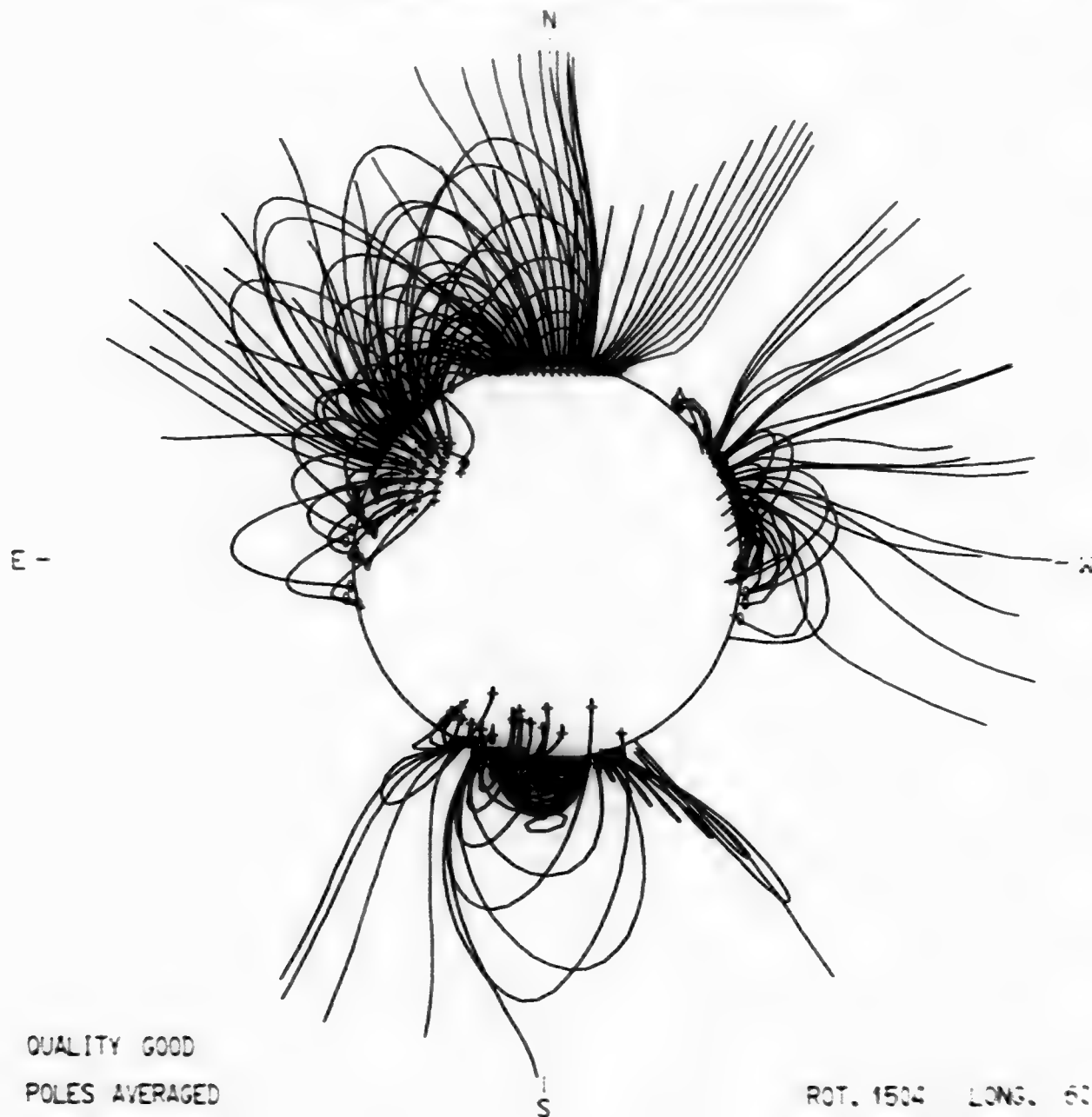


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

S

ROT. 1504 LONG. 60°
28.5 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

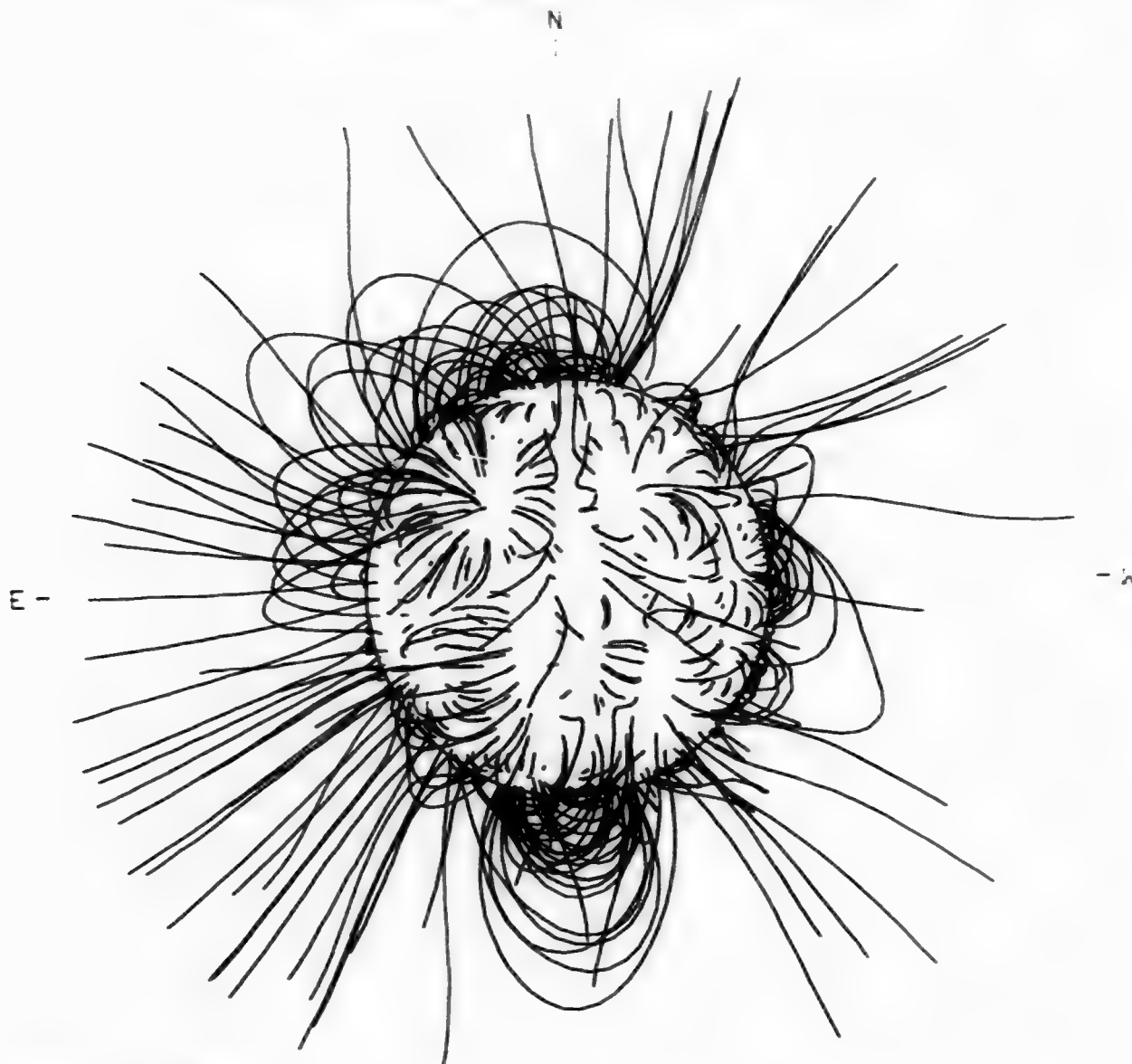
POLES AVERAGED

DATA WINDOW 1504.47

ROT. 1504 LONG. 61°

28.5 FEB 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

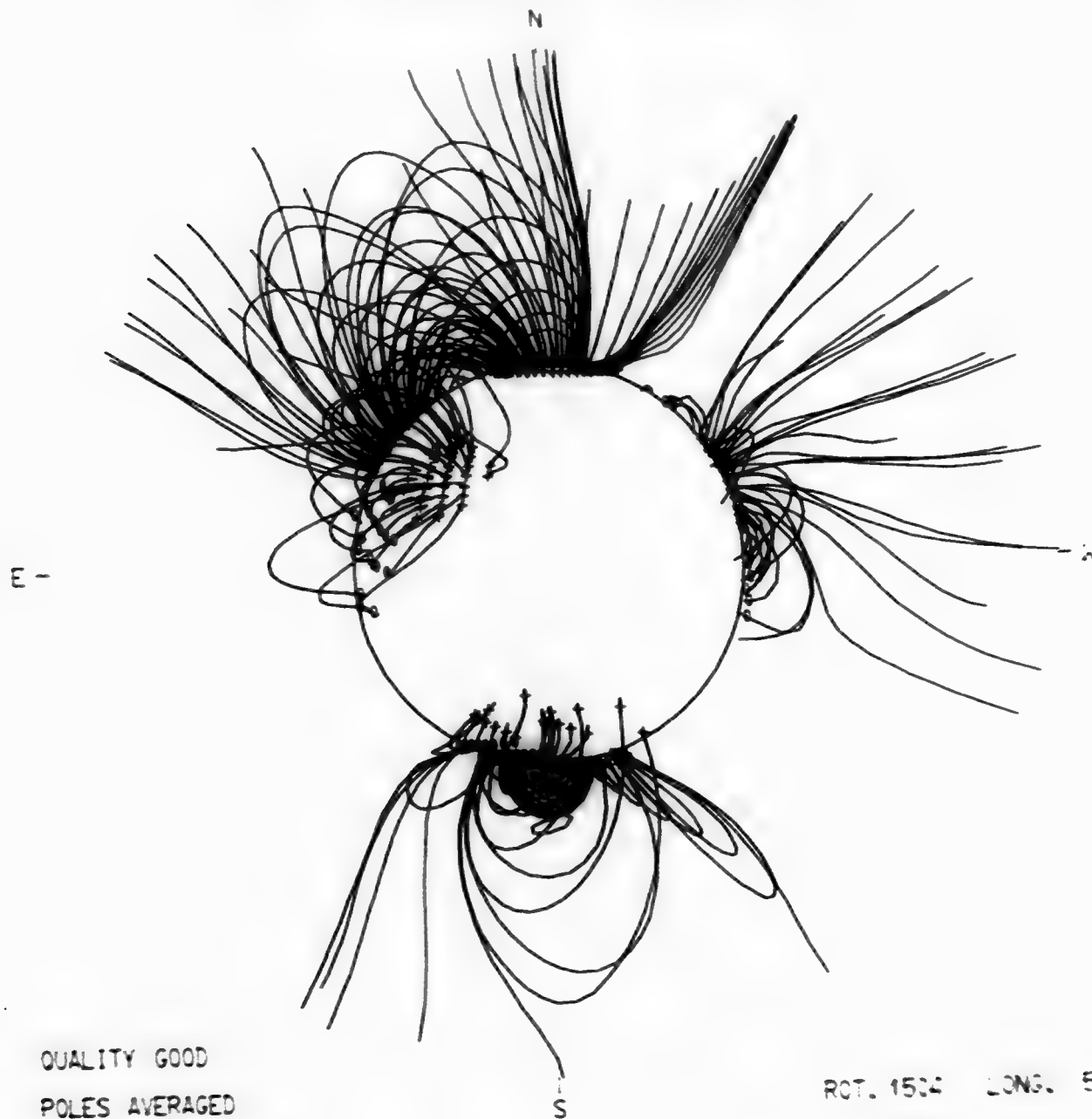


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

S

ROT. 1504 LONG. 50°
1.2 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

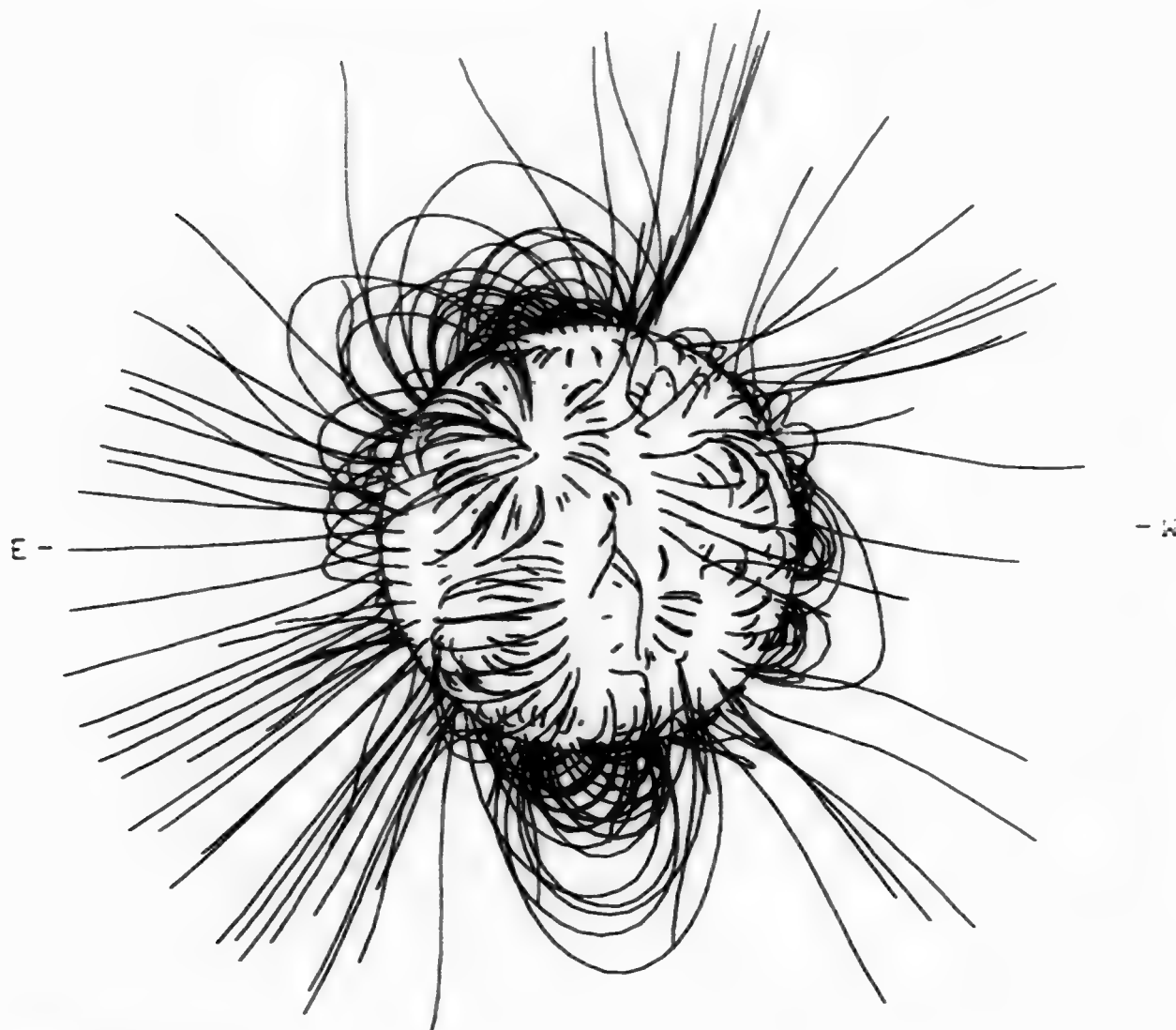


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

ROT. 1504 LONG. 50°
1.2 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

1
S

ROT. 1504 LONG. 40°
2.0 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

POLES AVERAGED

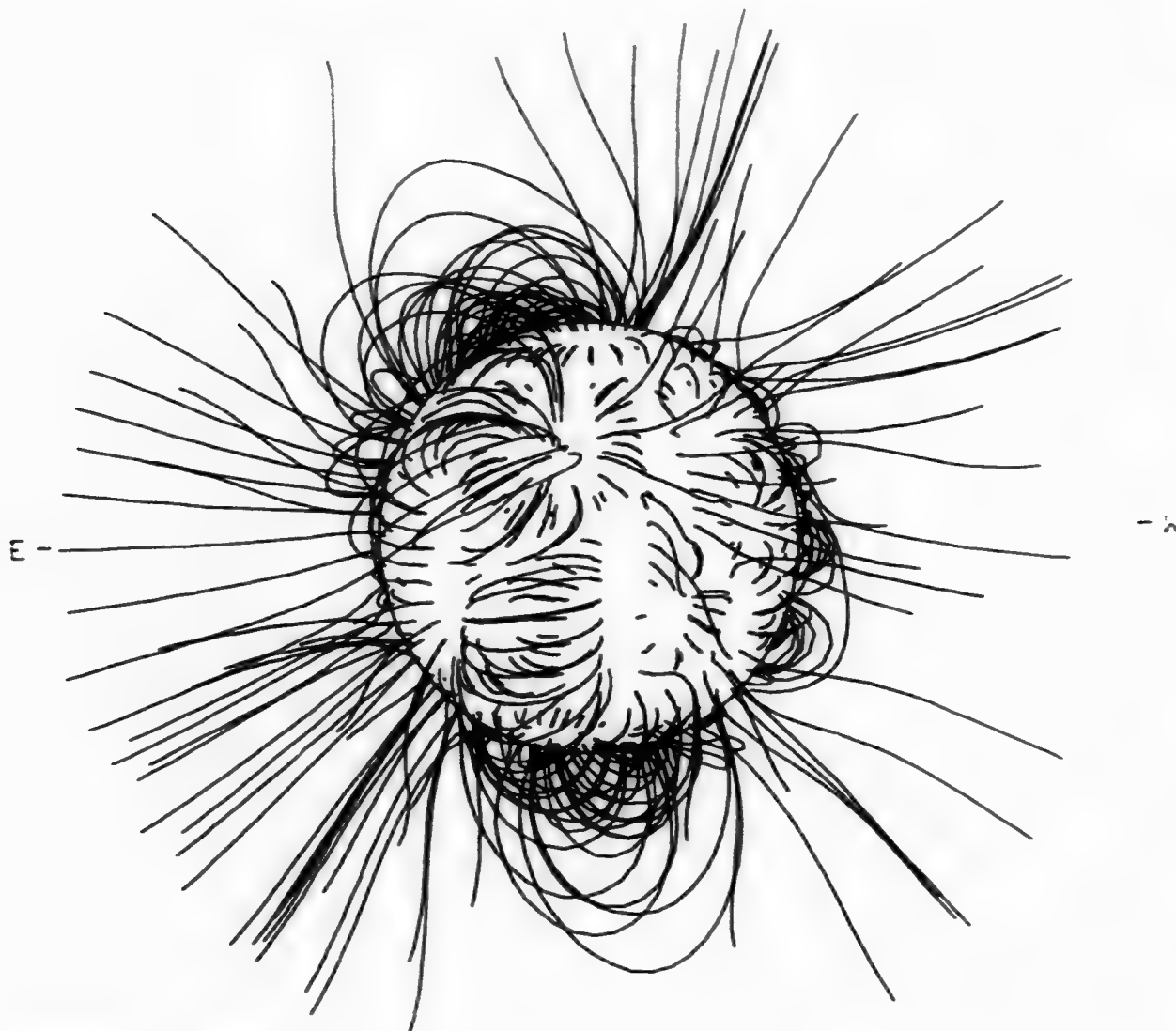
DATA WINDOW 1504.47

ROT. 1504 LONG. 21°

2.0 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

S

ROT. 1504 LONG. 51°
2.8 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

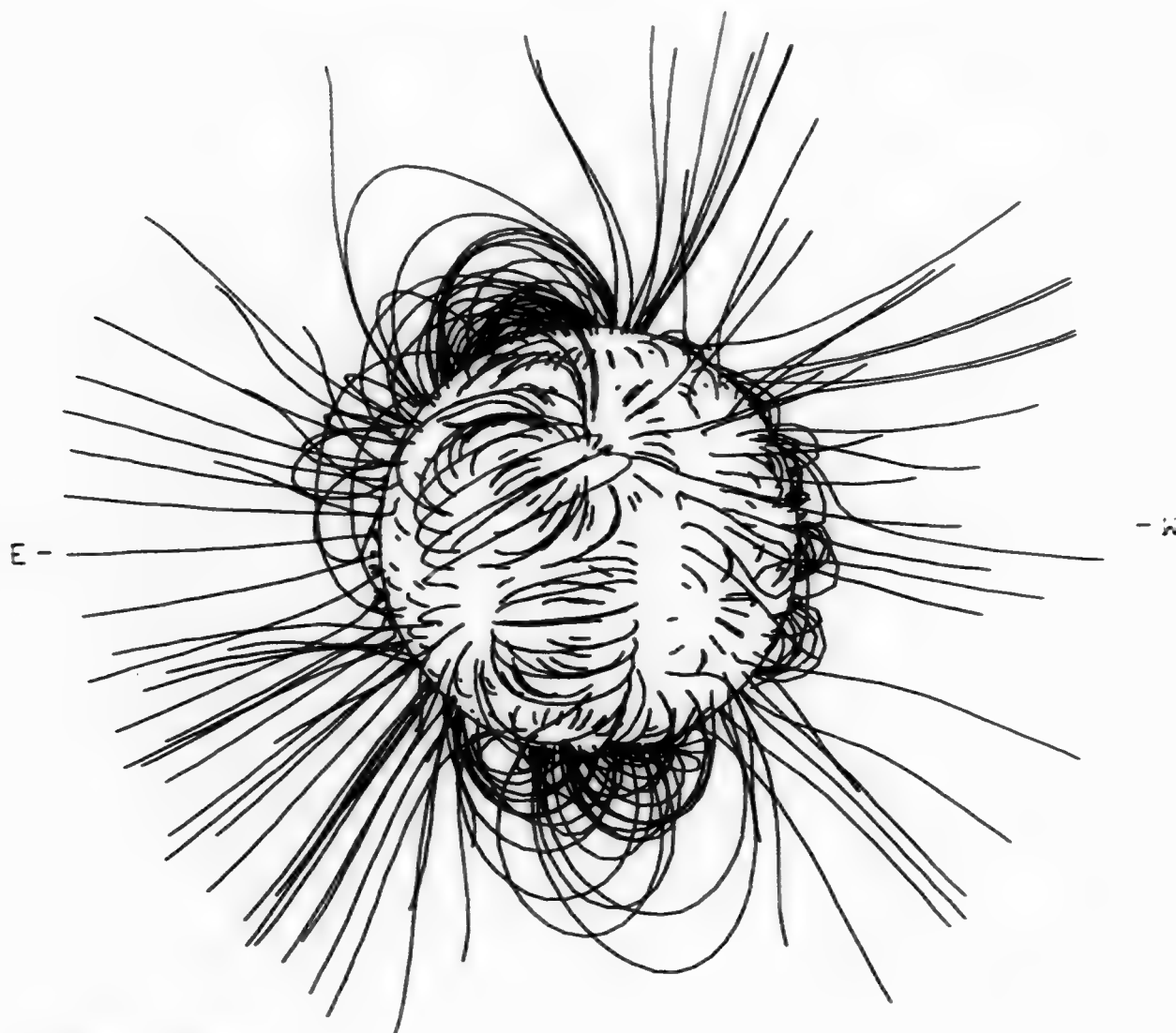


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

ROT. 1504 LONG. 50°
2.8 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

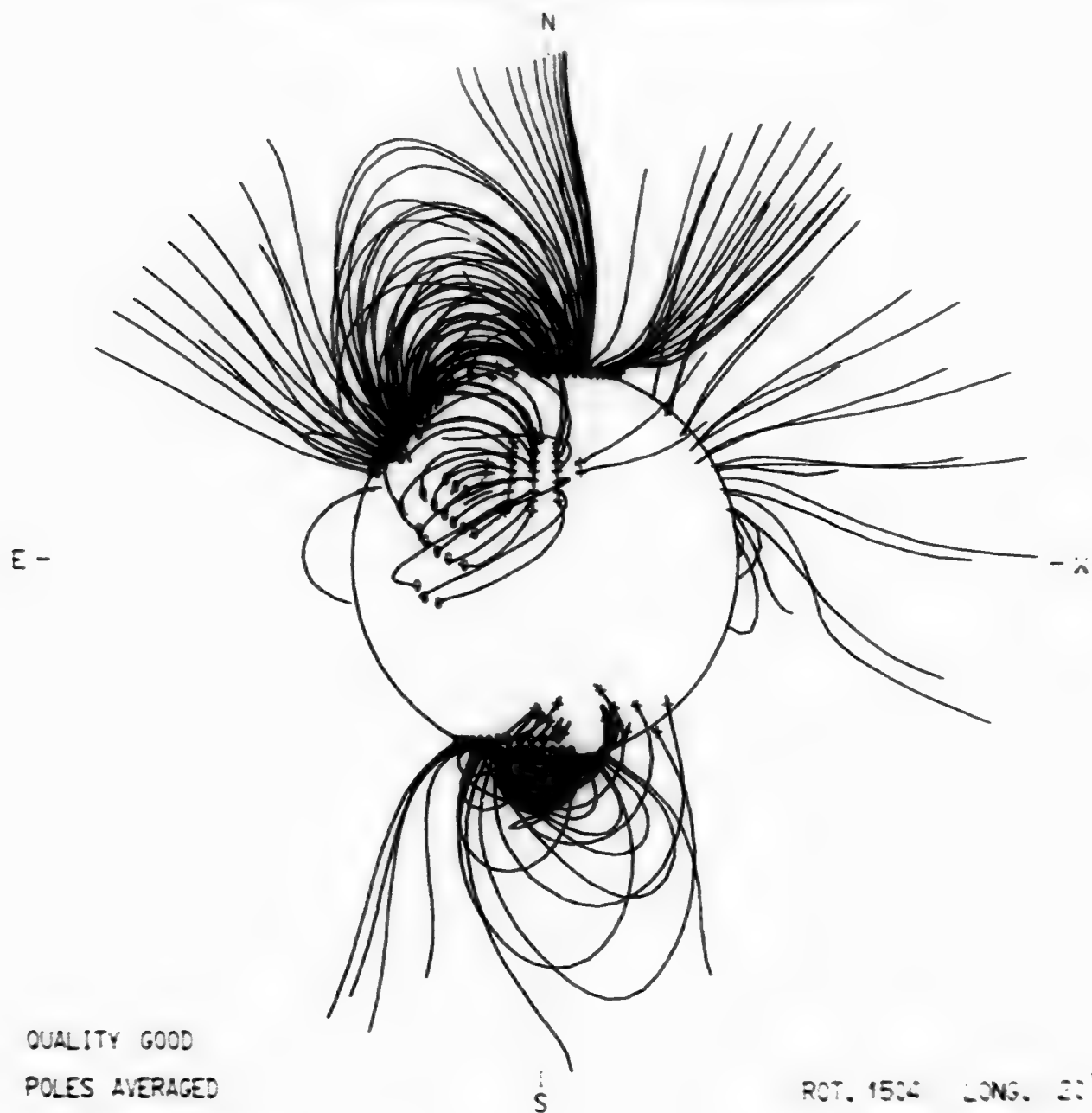


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

I
S

ROT. 1504 LONG. 20°
3.5 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

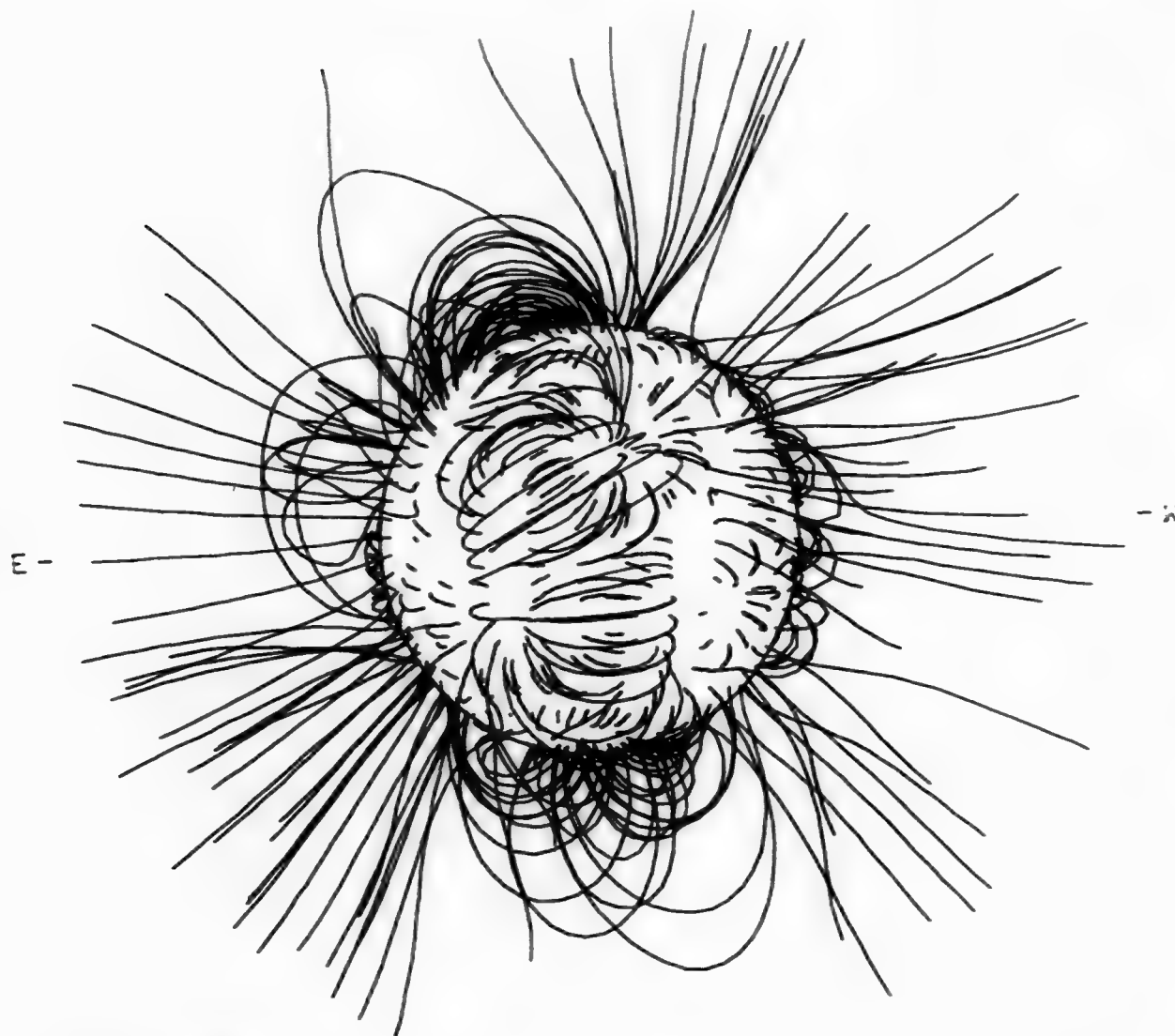
POLES AVERAGED

DATA WINDOW 1504.47

ROT. 1504 LONG. 20°
3.5 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

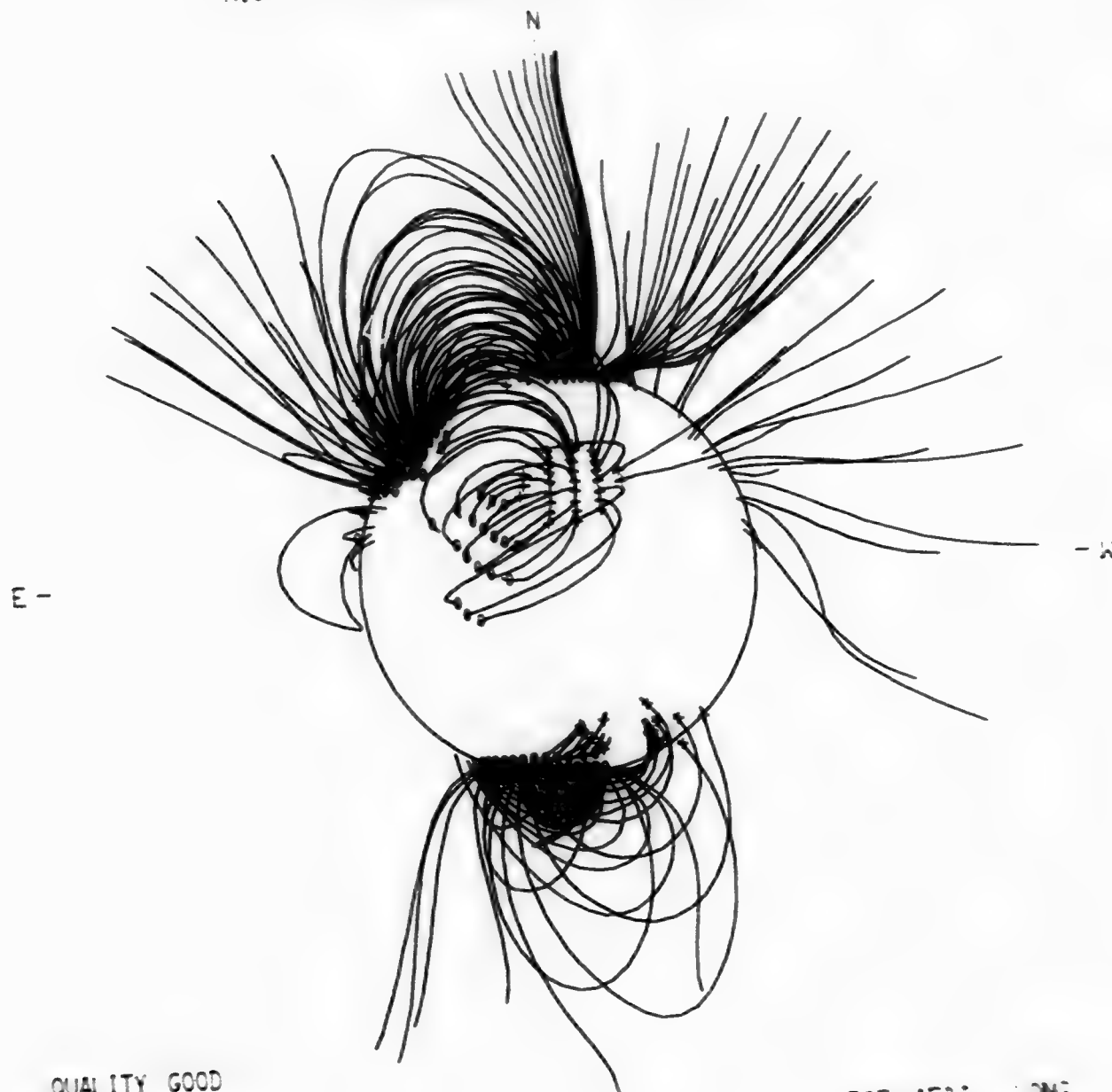


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

S

ROT. 1504 LONG. 10°
4.3 MAR 1966

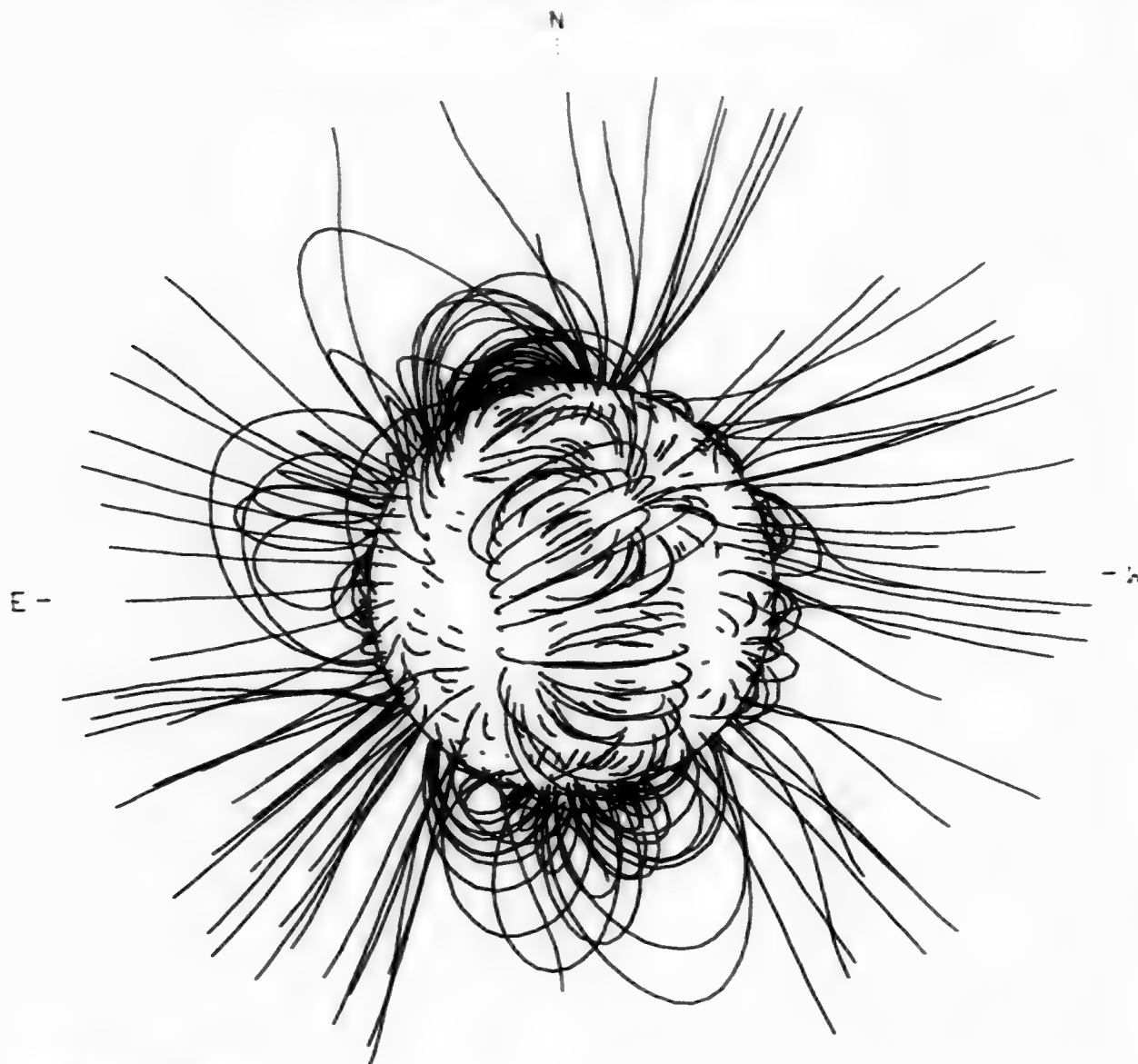
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

ROT. 1504 LONG. 10°
4.3 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

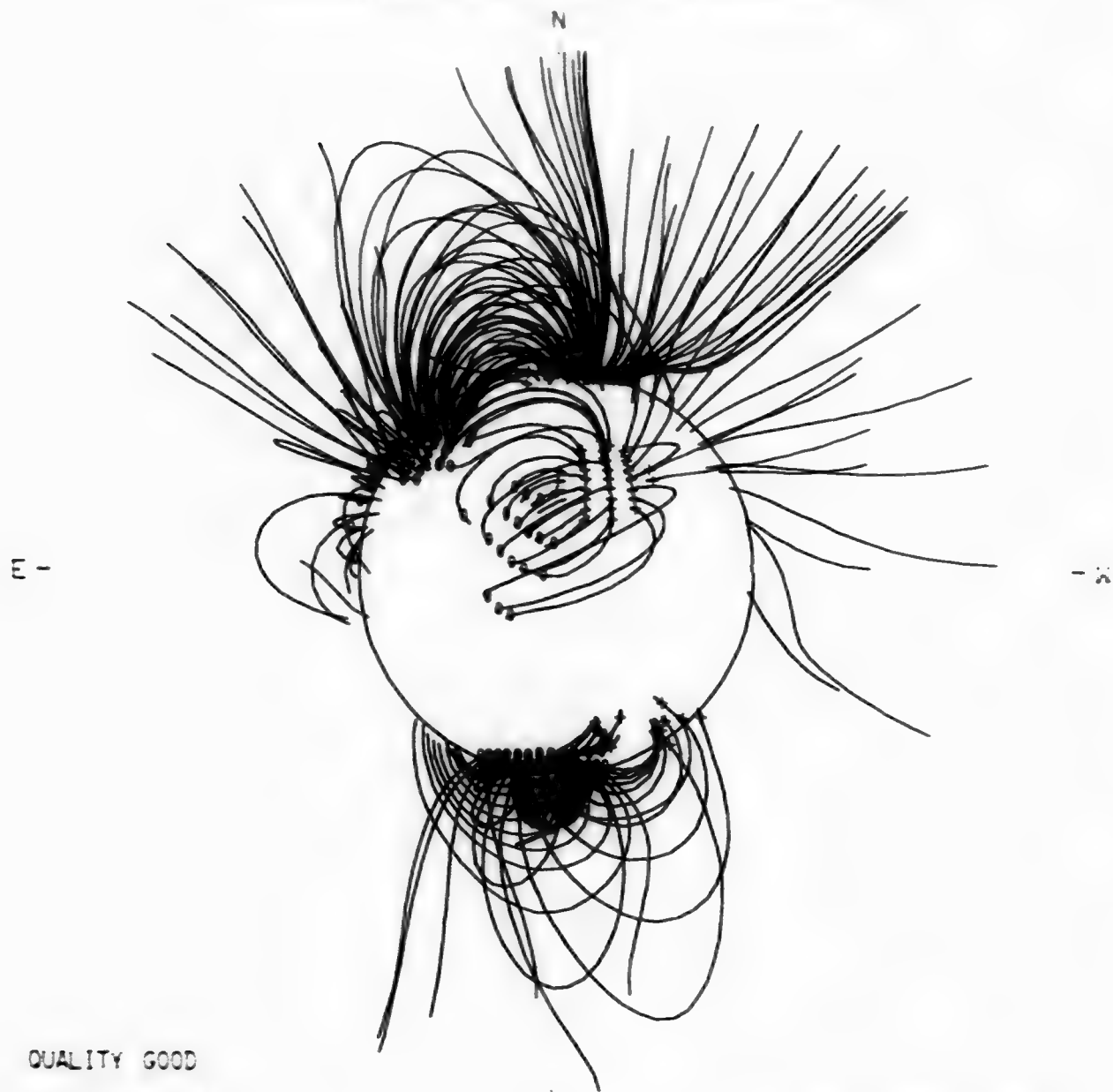


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

S

ROT. 1504 LONG. 3°
5.0 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

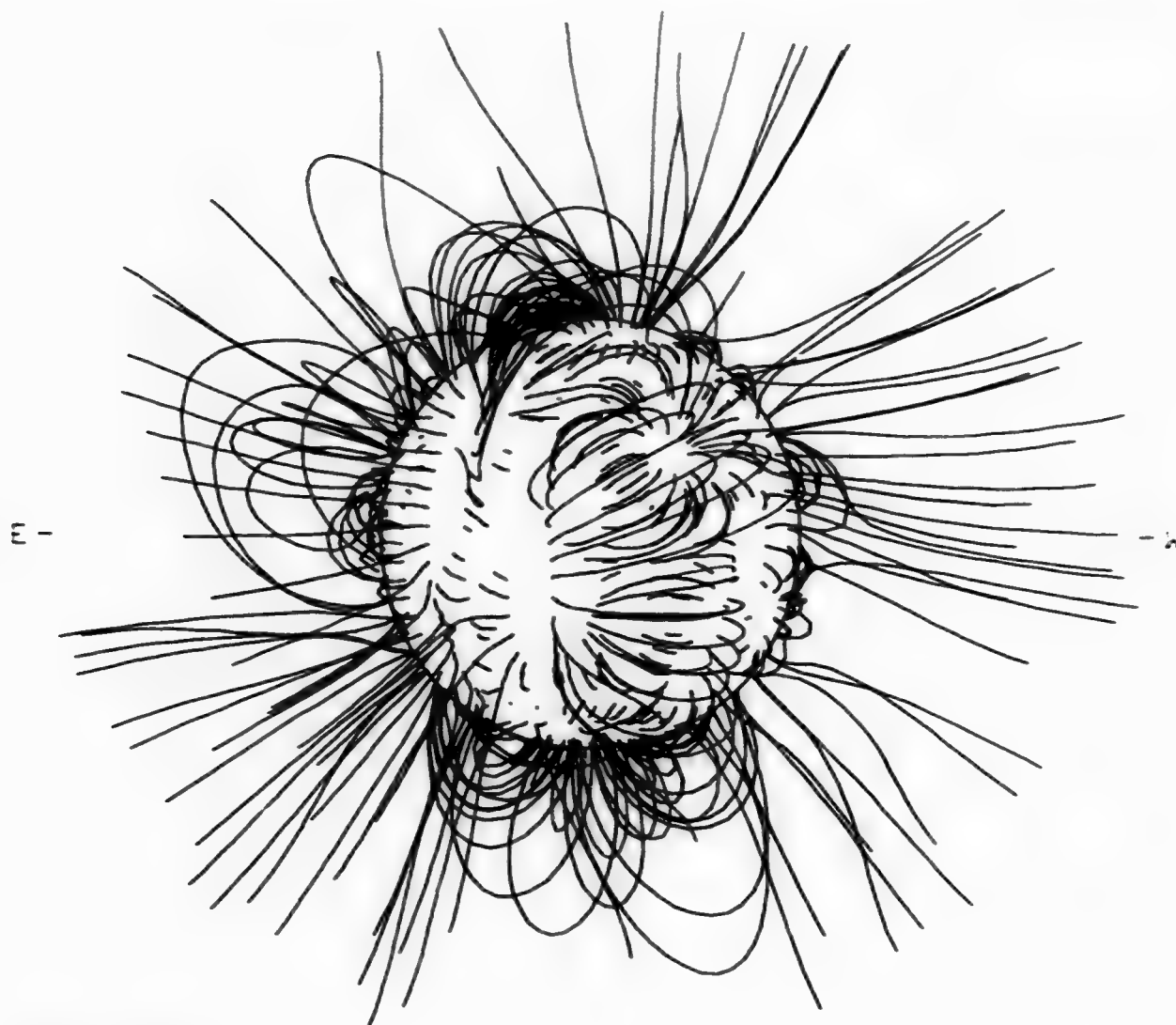


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

ROT. 1504 LONG. 0°
5.0 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

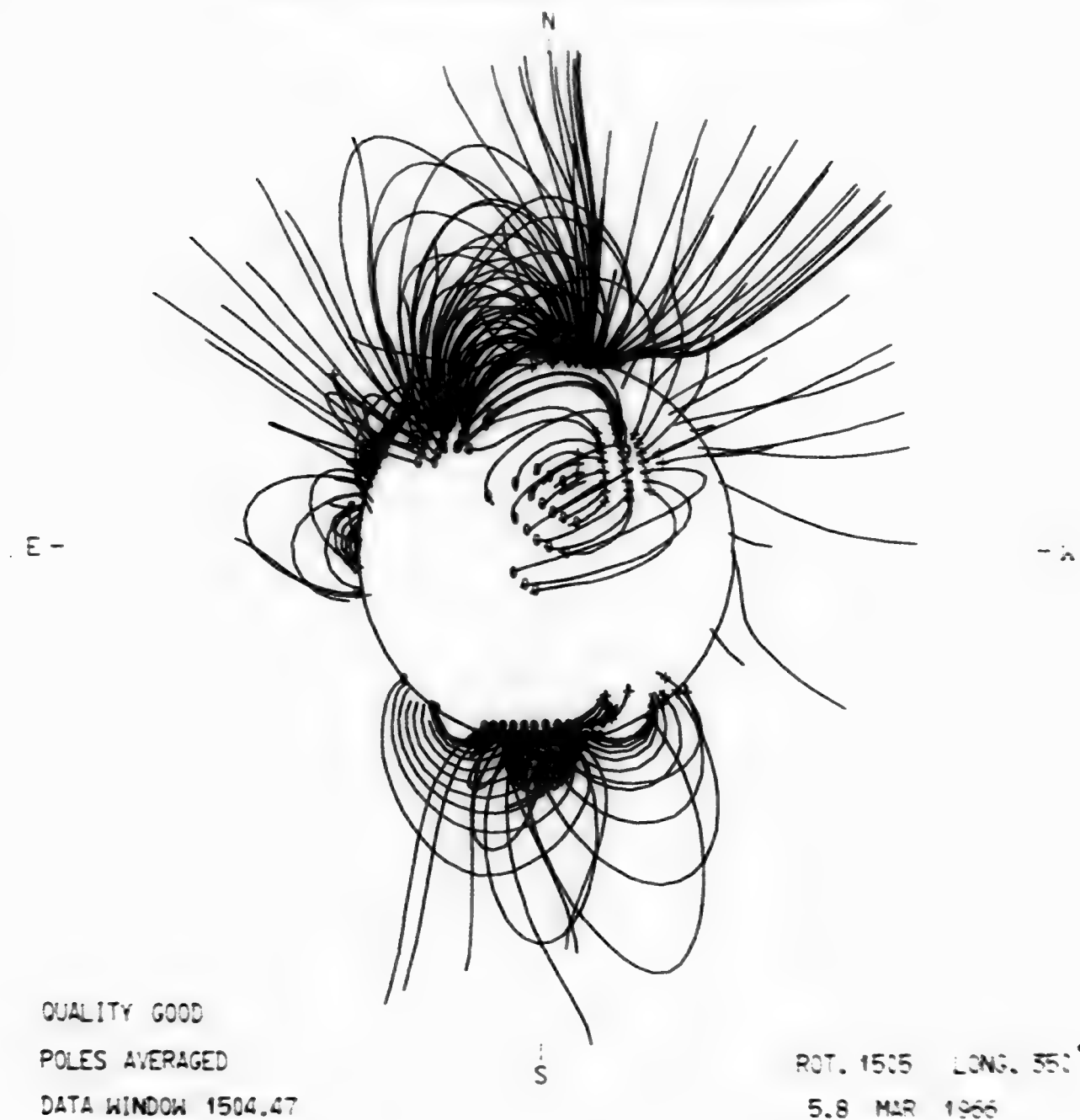


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

S

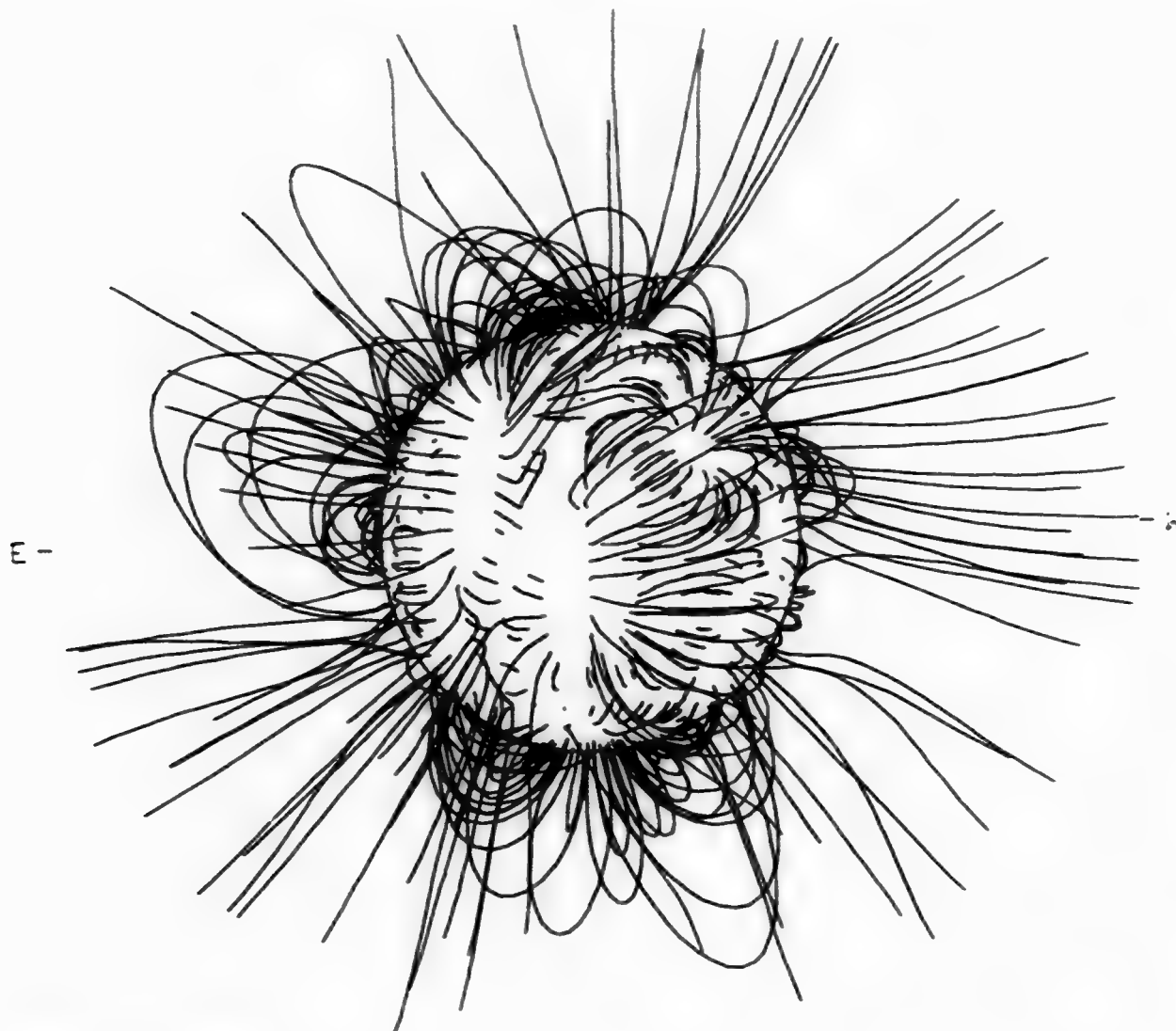
ROT. 1505 LONG. 350°
5.8 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

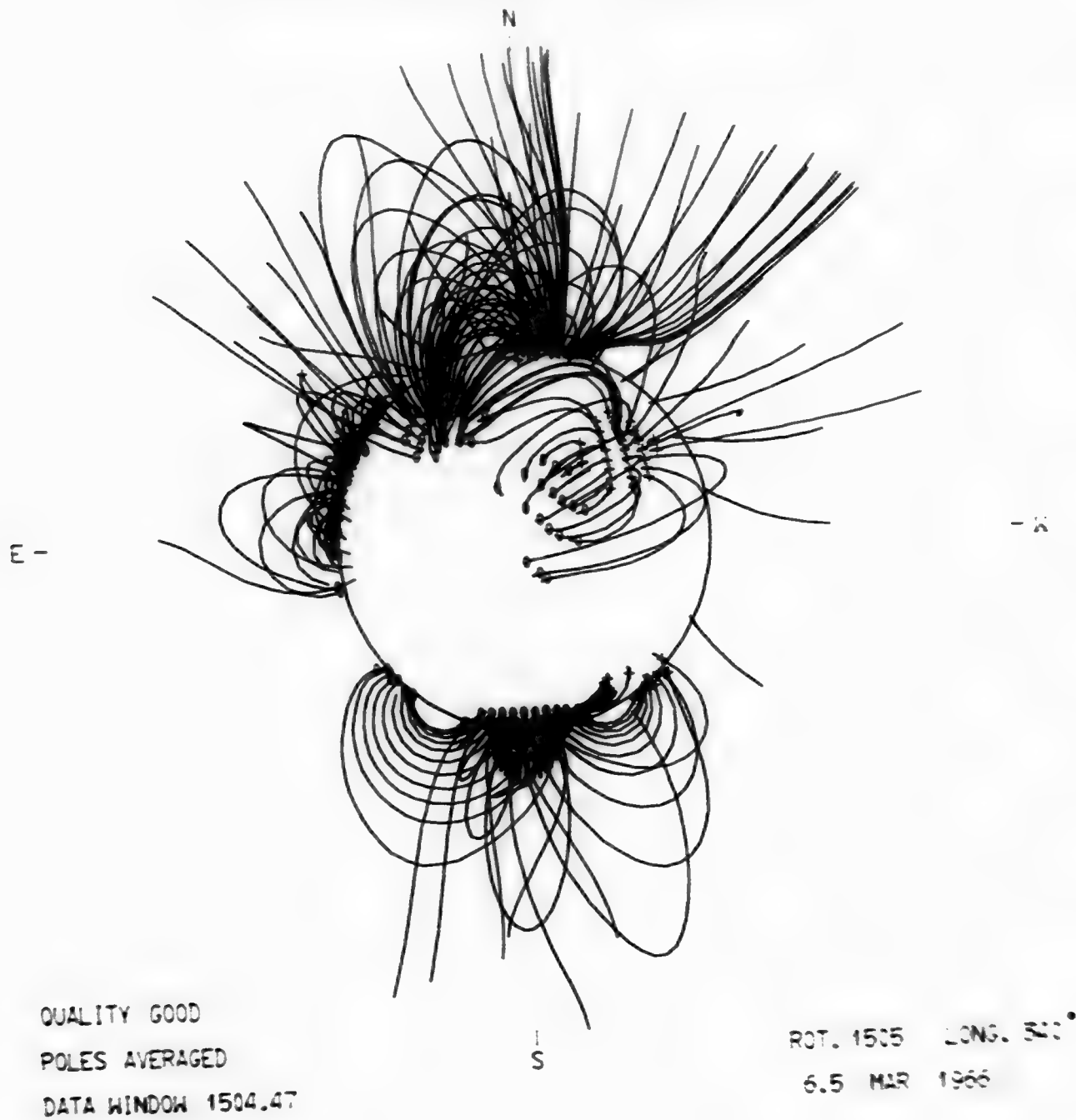


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

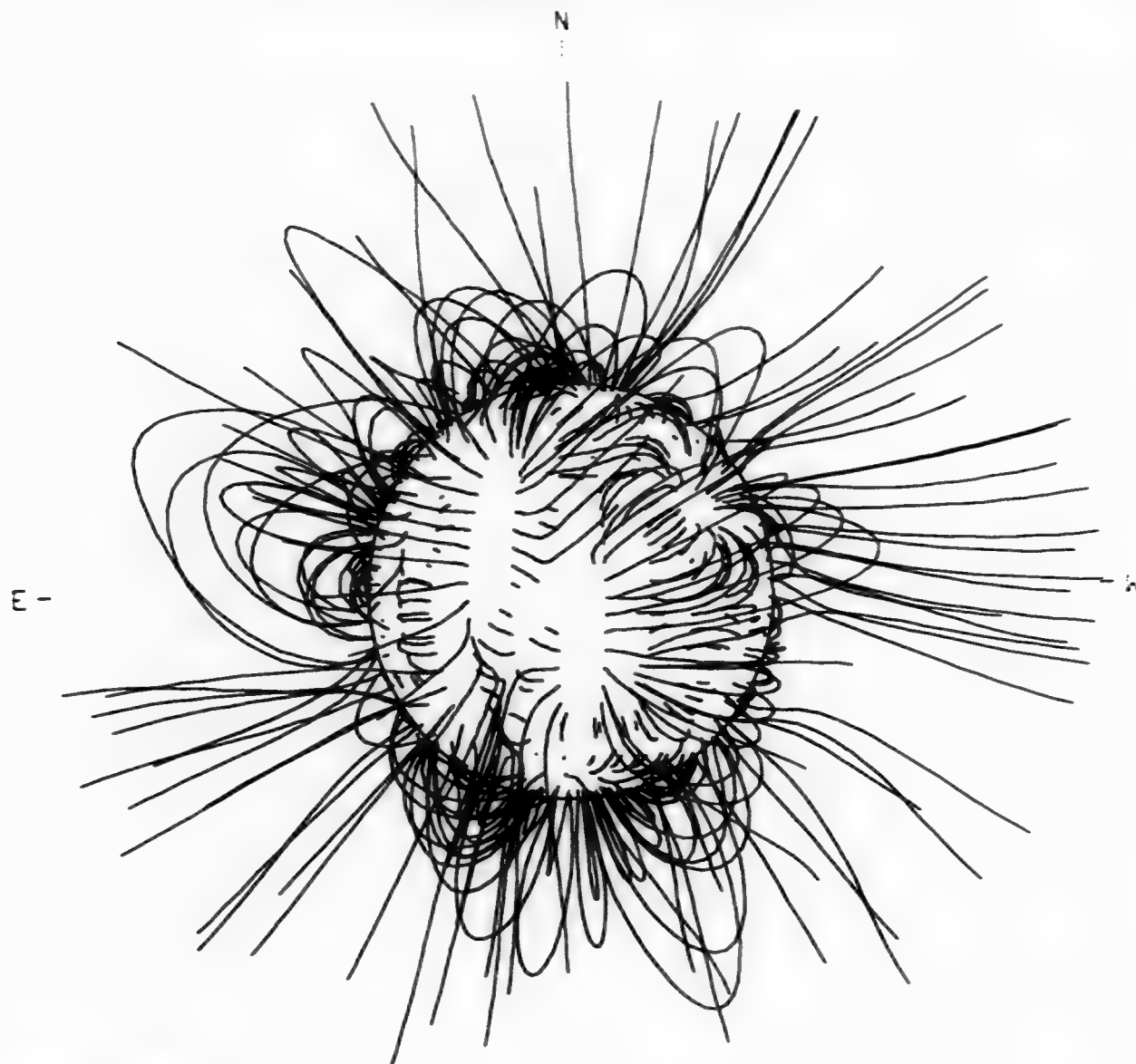
S

ROT. 1505 LONG. 500°
6.5 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

S

ROT. 1505 LONG. 330°
7.3 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

POLES AVERAGED

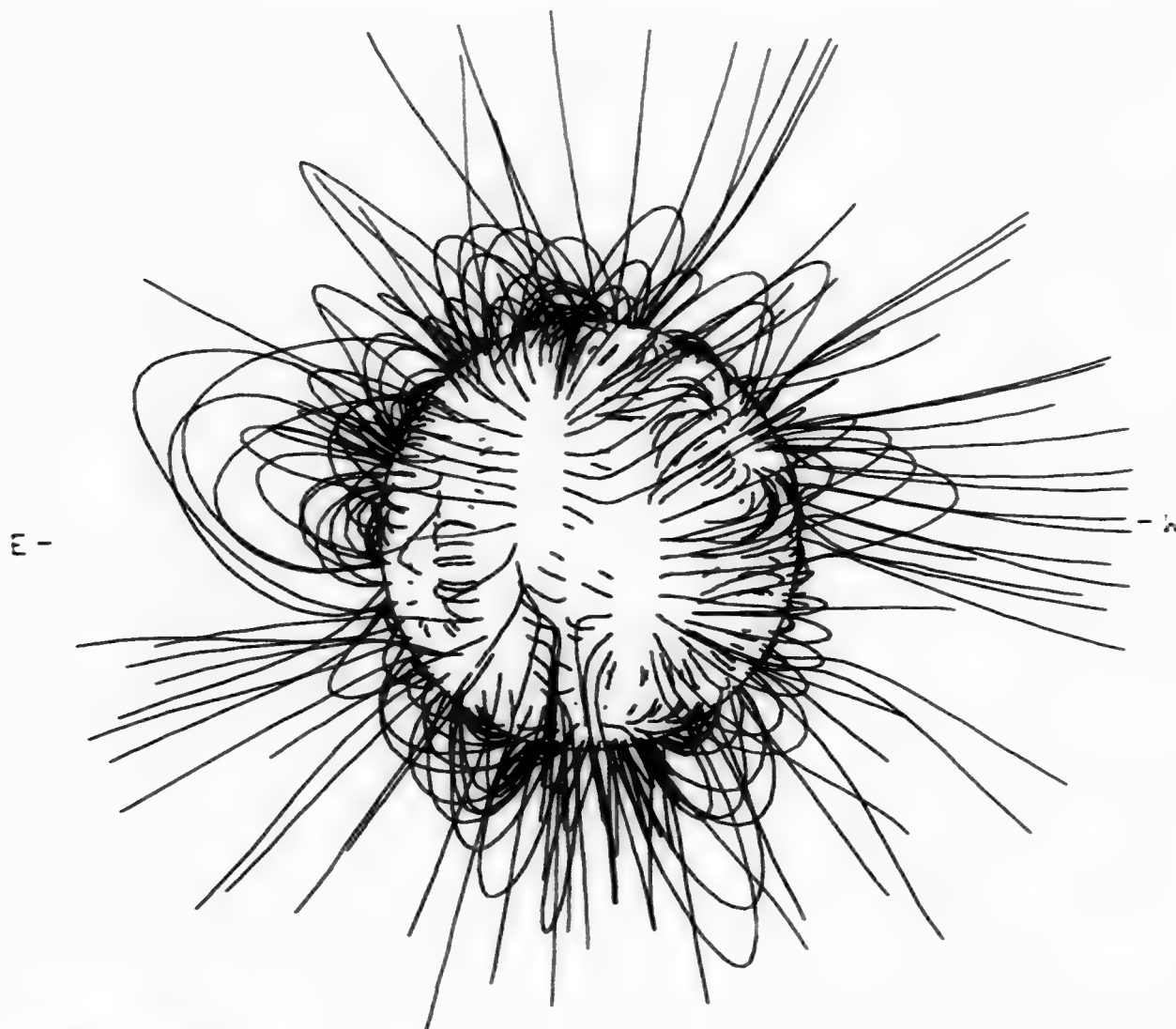
DATA WINDOW 1504.47

ROT. 1505 LONG. 330°

7.3 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

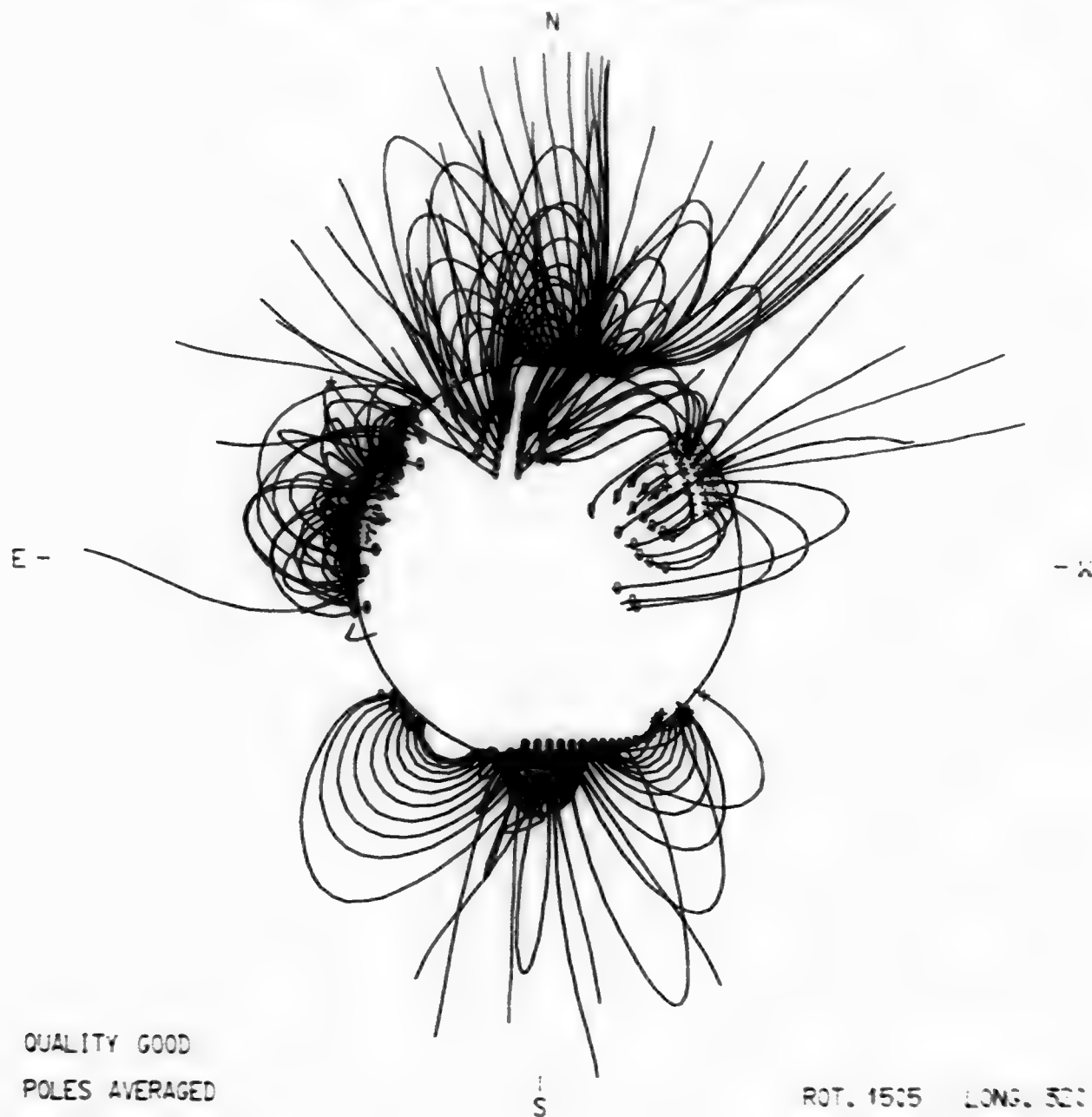


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

S

ROT. 1505 LONG. 500°
8.1 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

POLES AVERAGED

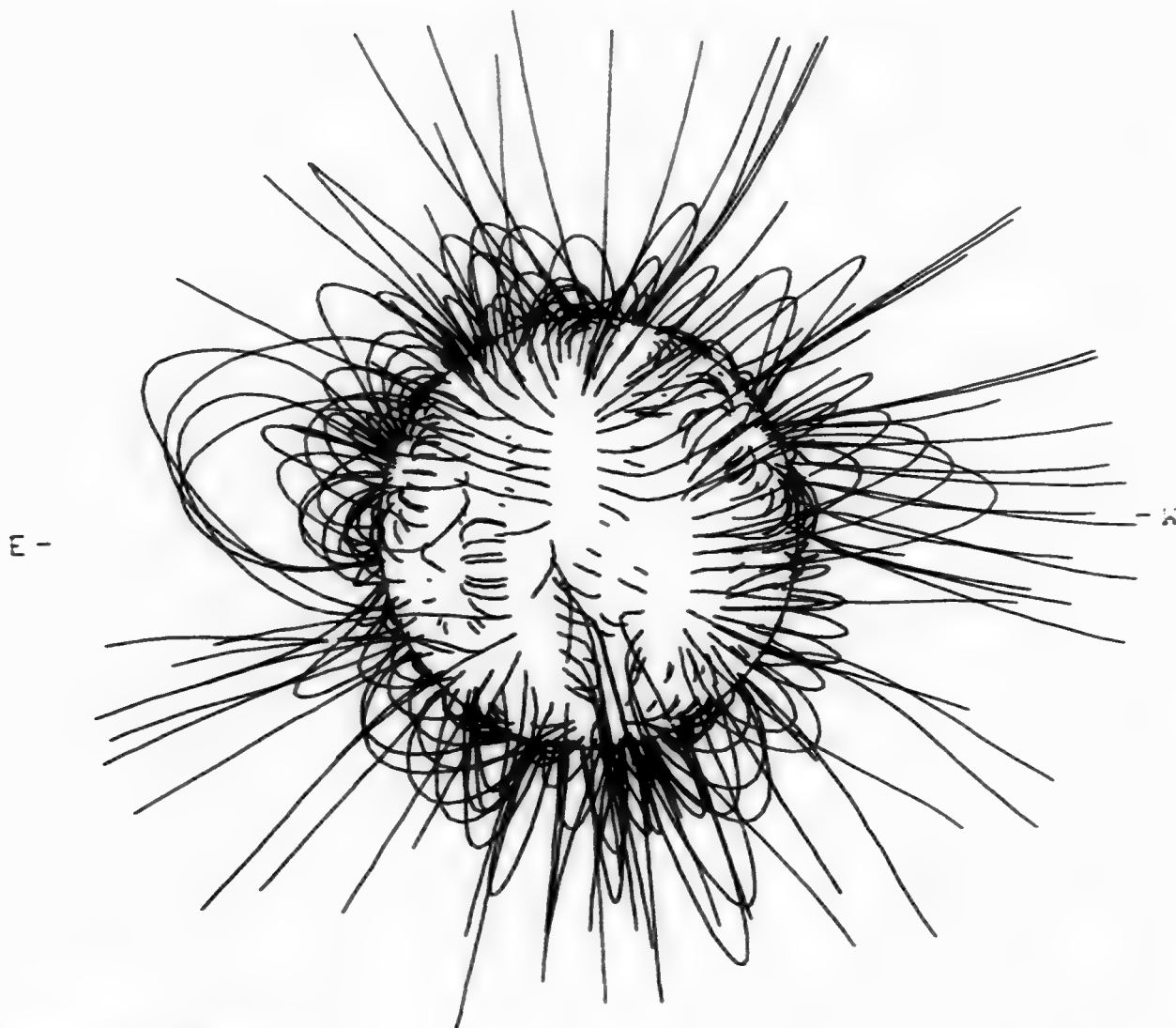
DATA WINDOW 1504.47

ROT. 1505 LONG. 500°

8.1 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

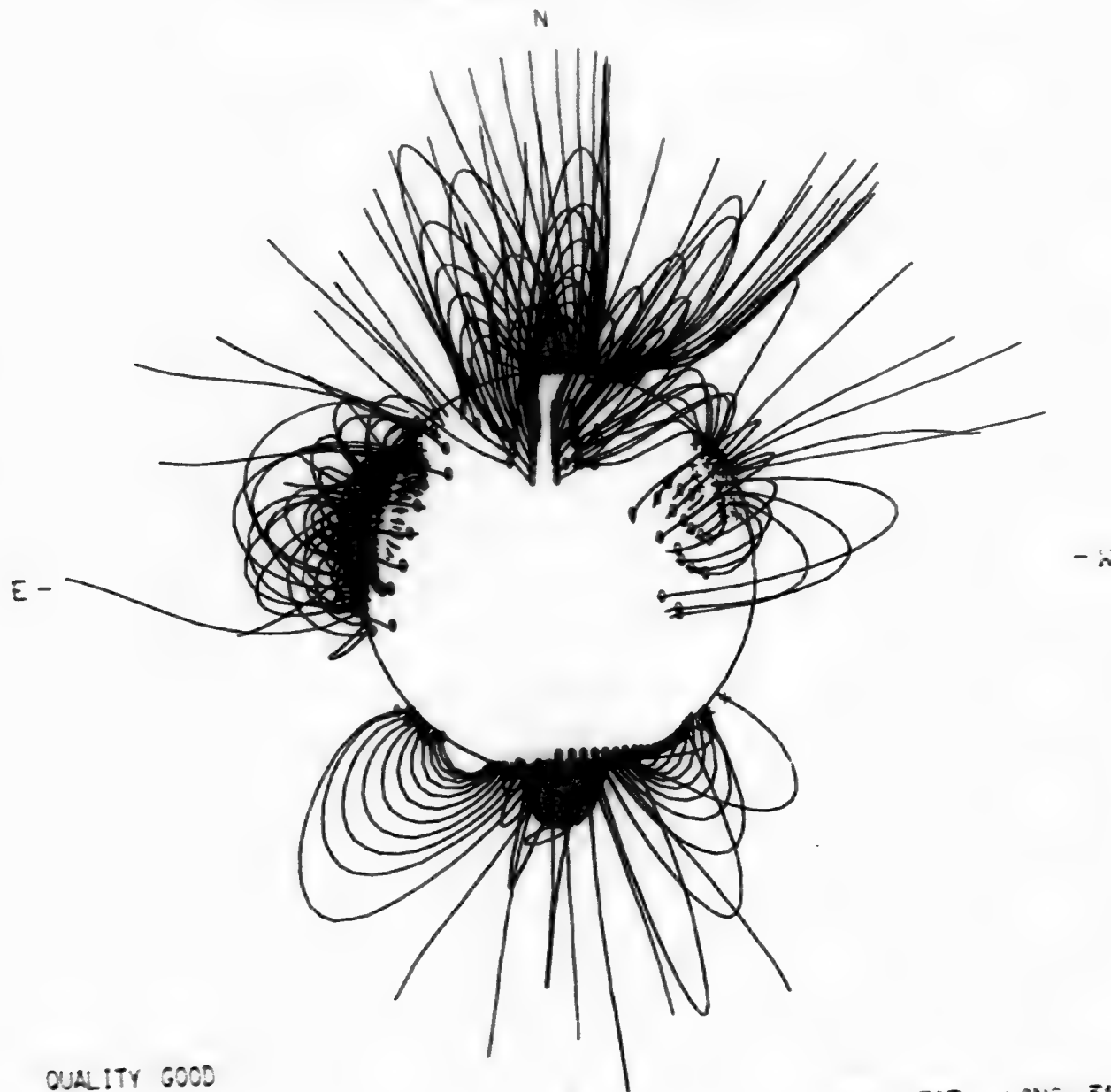


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

I
S

ROT. 1505 LONG. 510°
8.8 MAR 1966

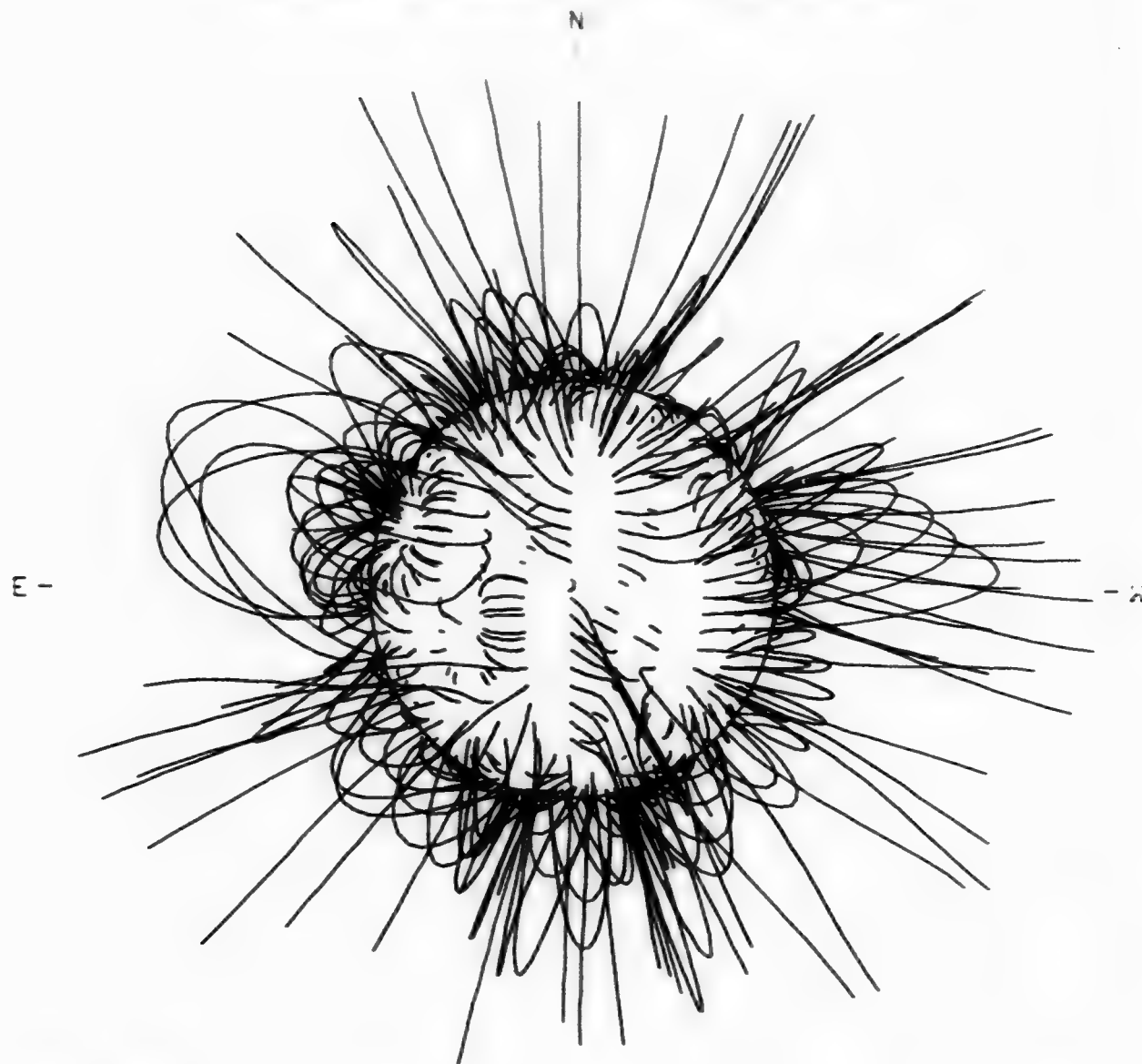
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

ROT. 1505 LONG. 310°
8.8 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

POLES AVERAGED

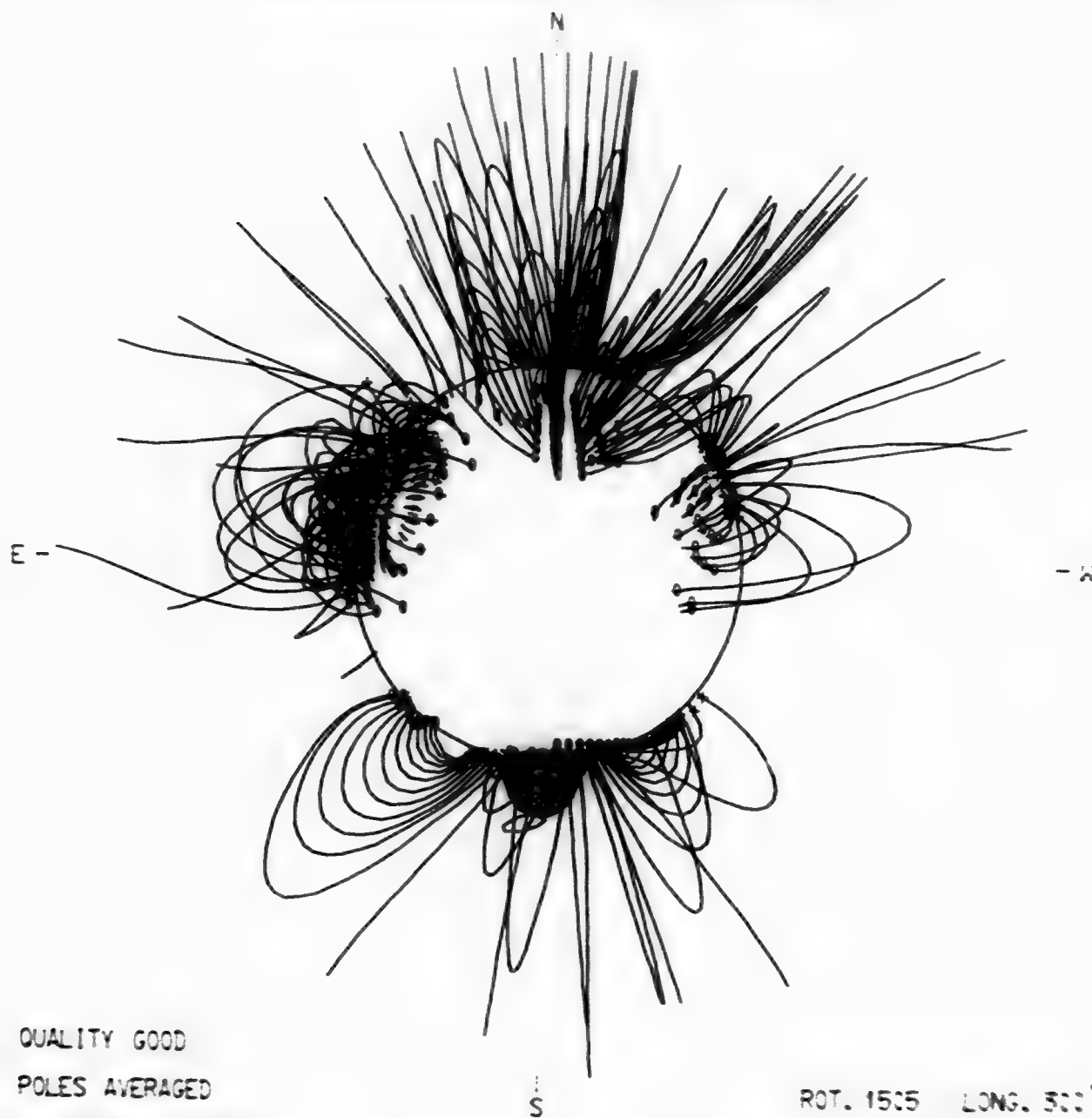
DATA WINDOW 1504.47

S

ROT. 1505 LONG. 300°

9.6 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

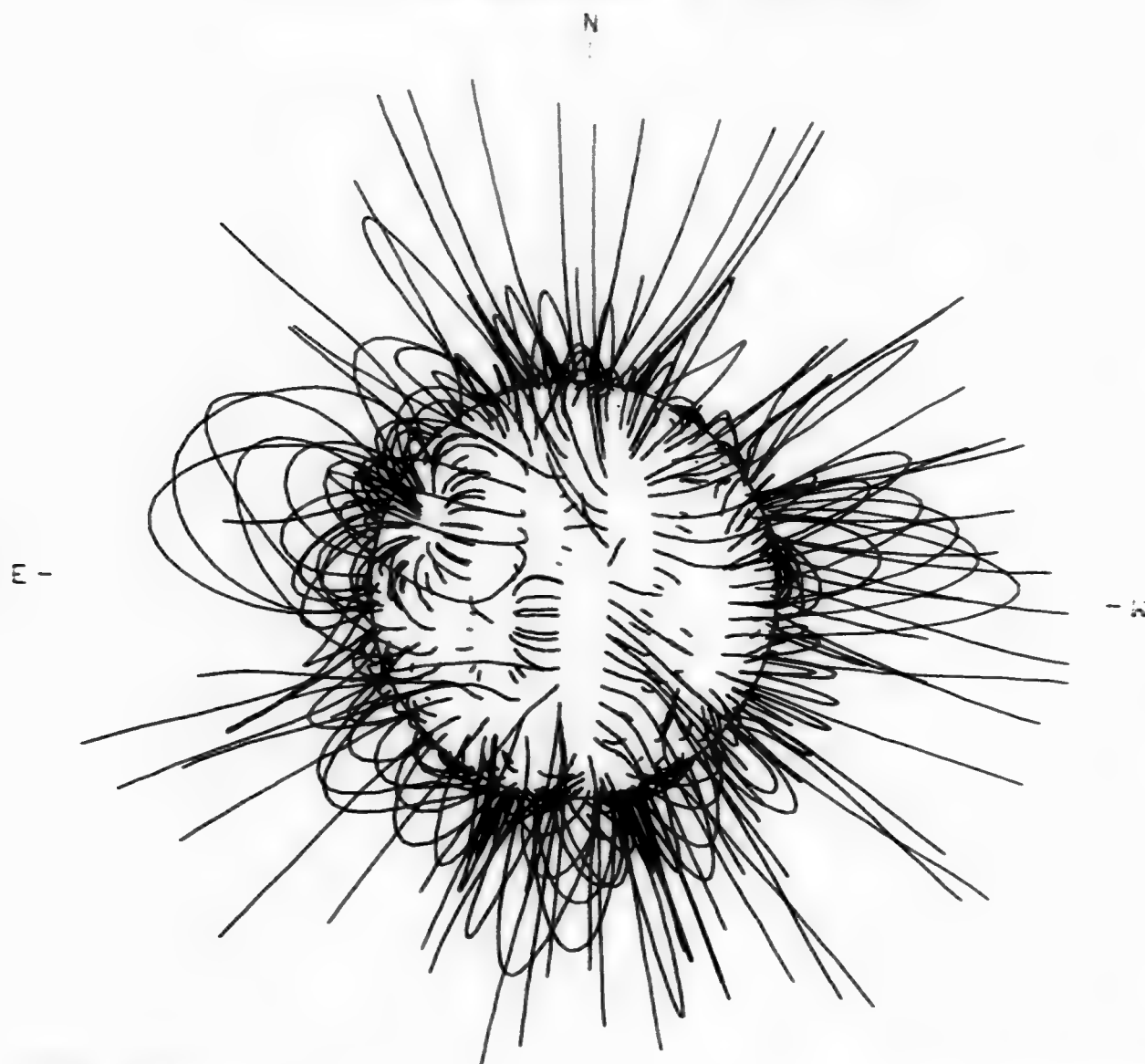
POLES AVERAGED

DATA WINDOW 1504.47

ROT. 1505 LONG. 300°

9.6 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

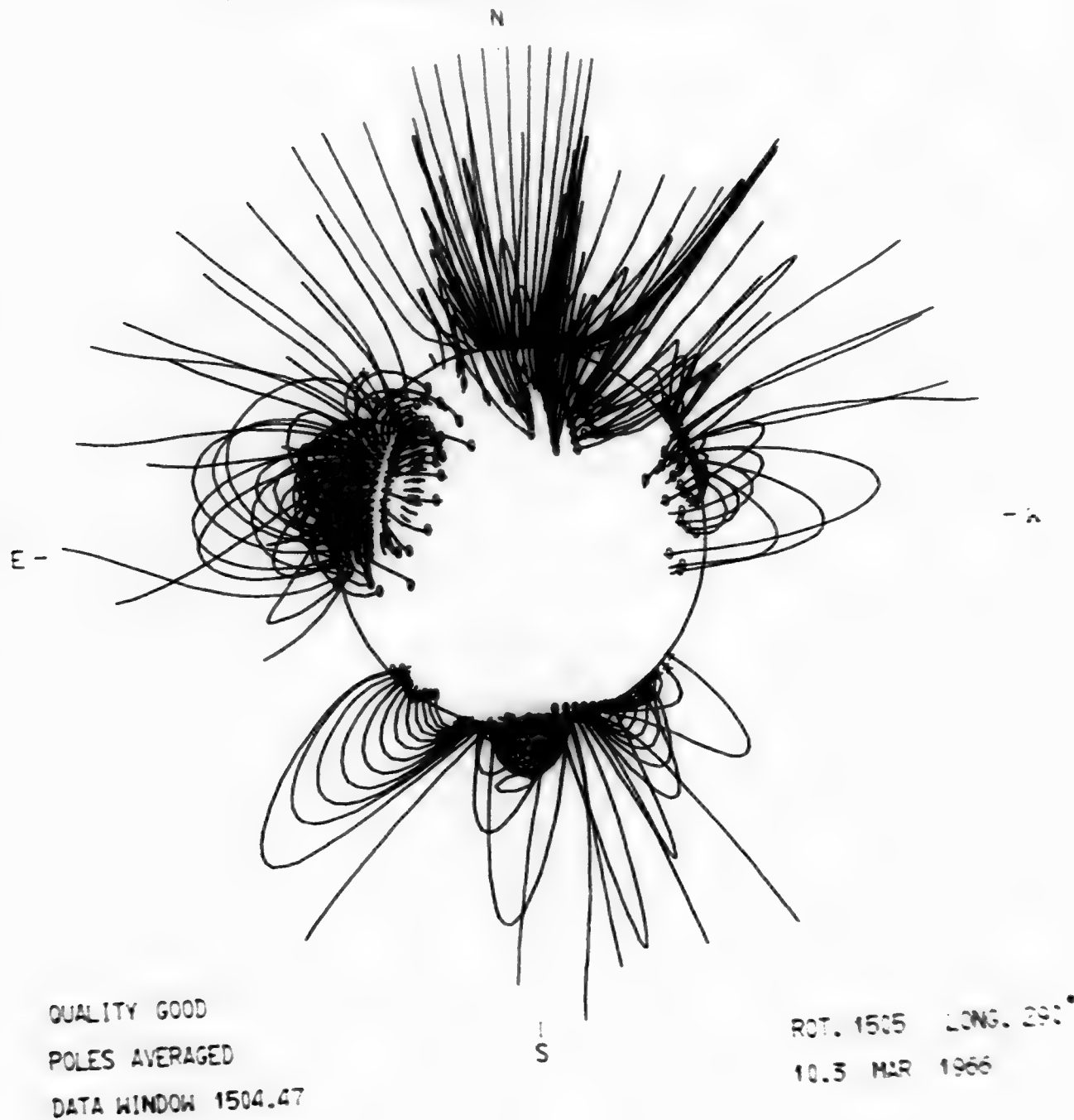


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

S

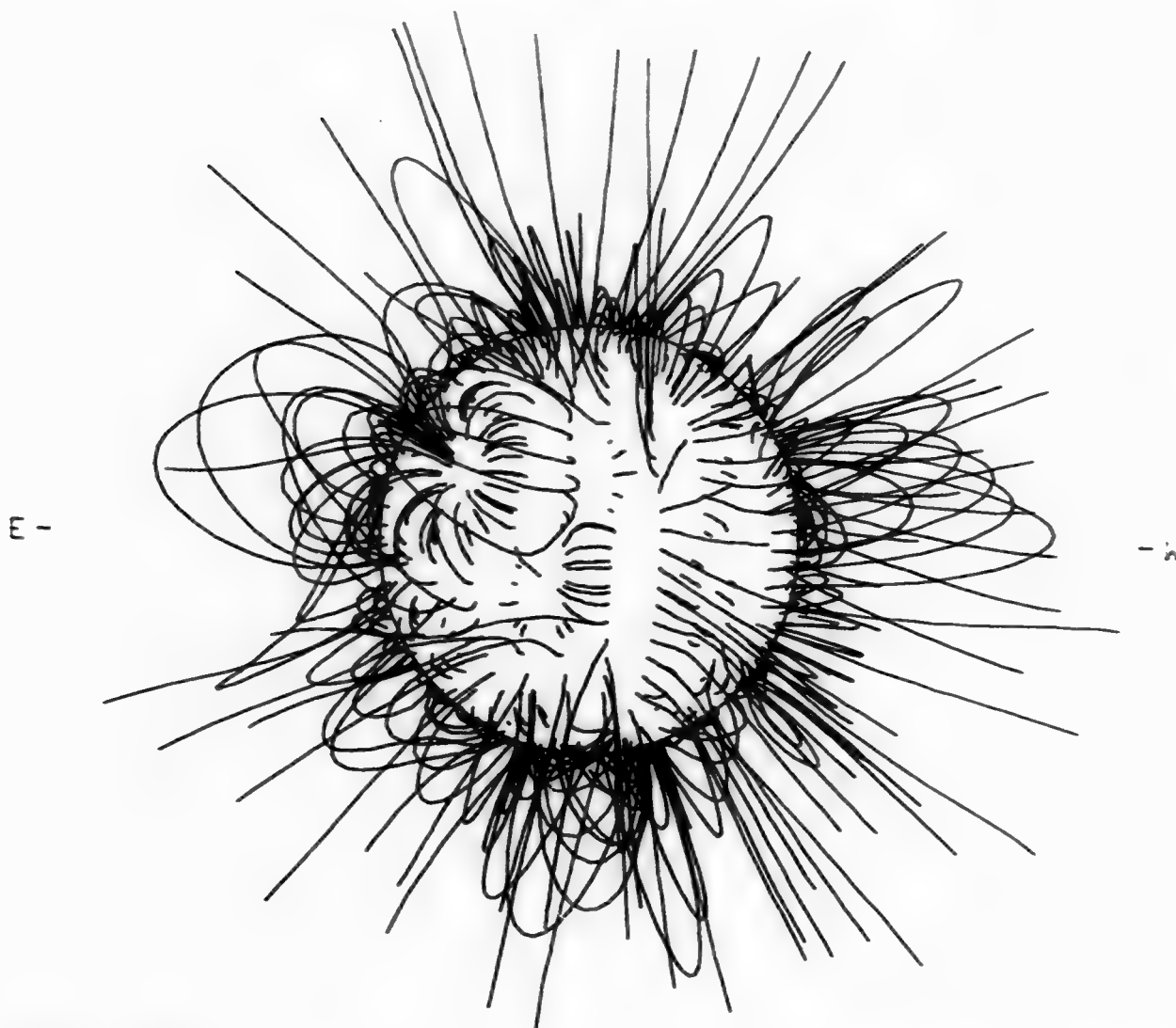
ROT. 1505 LONG. 291°
10.3 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY GOOD

POLES AVERAGED

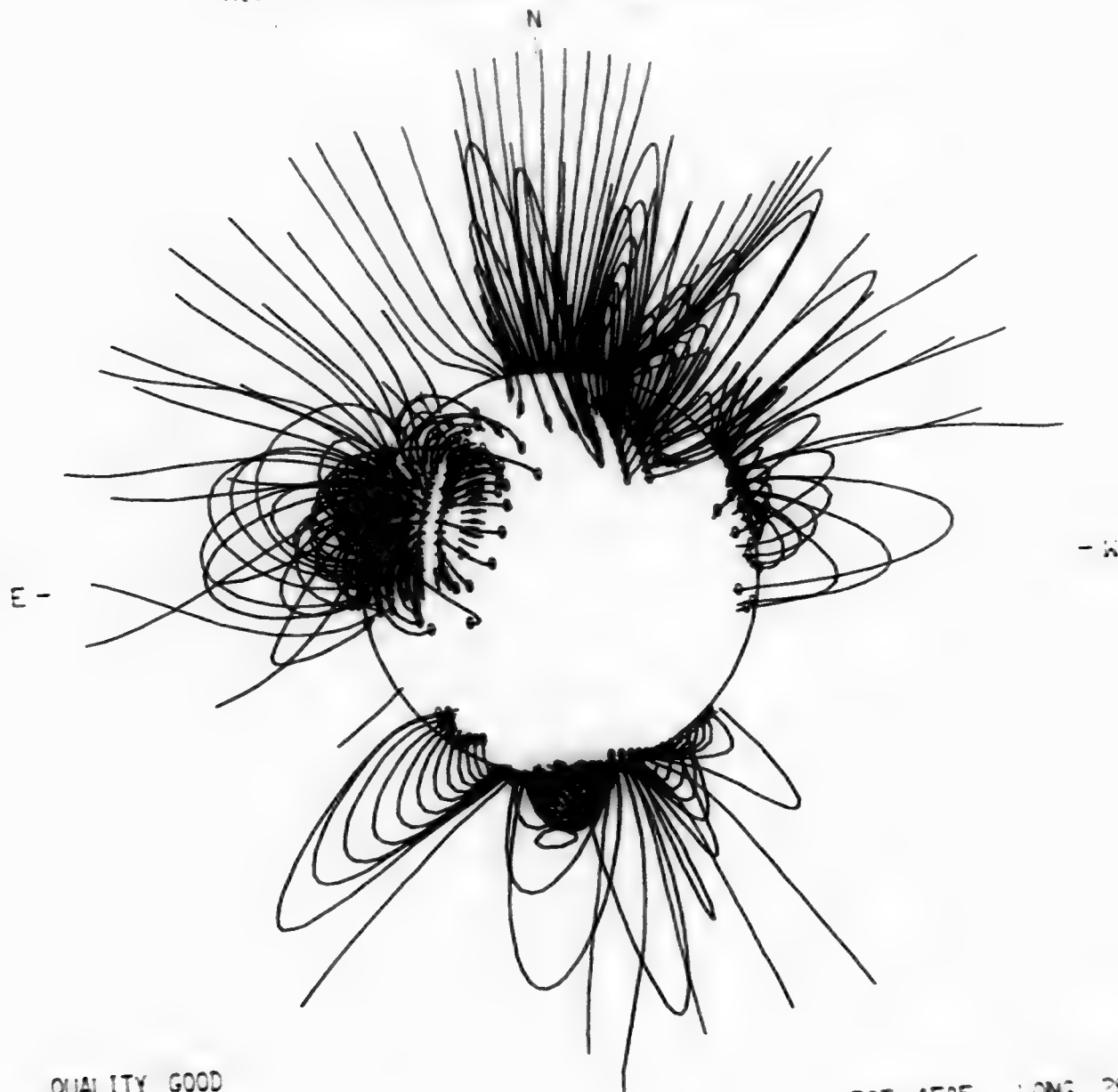
DATA WINDOW 1504.47

S

ROT. 1535 LONG. 281°

11.1 MAR 1966

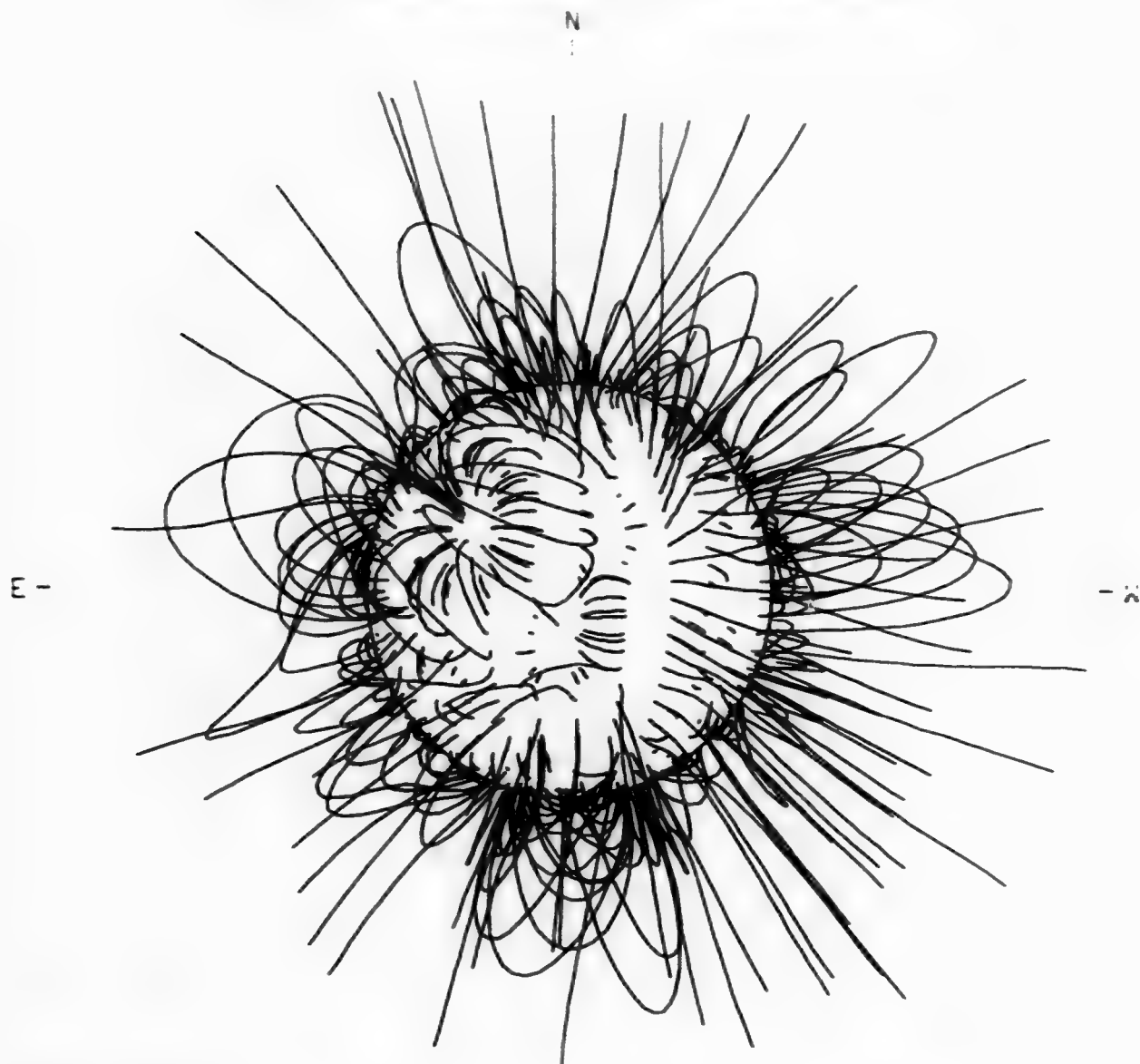
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

ROT. 1505 LONG. 280°
11.1 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

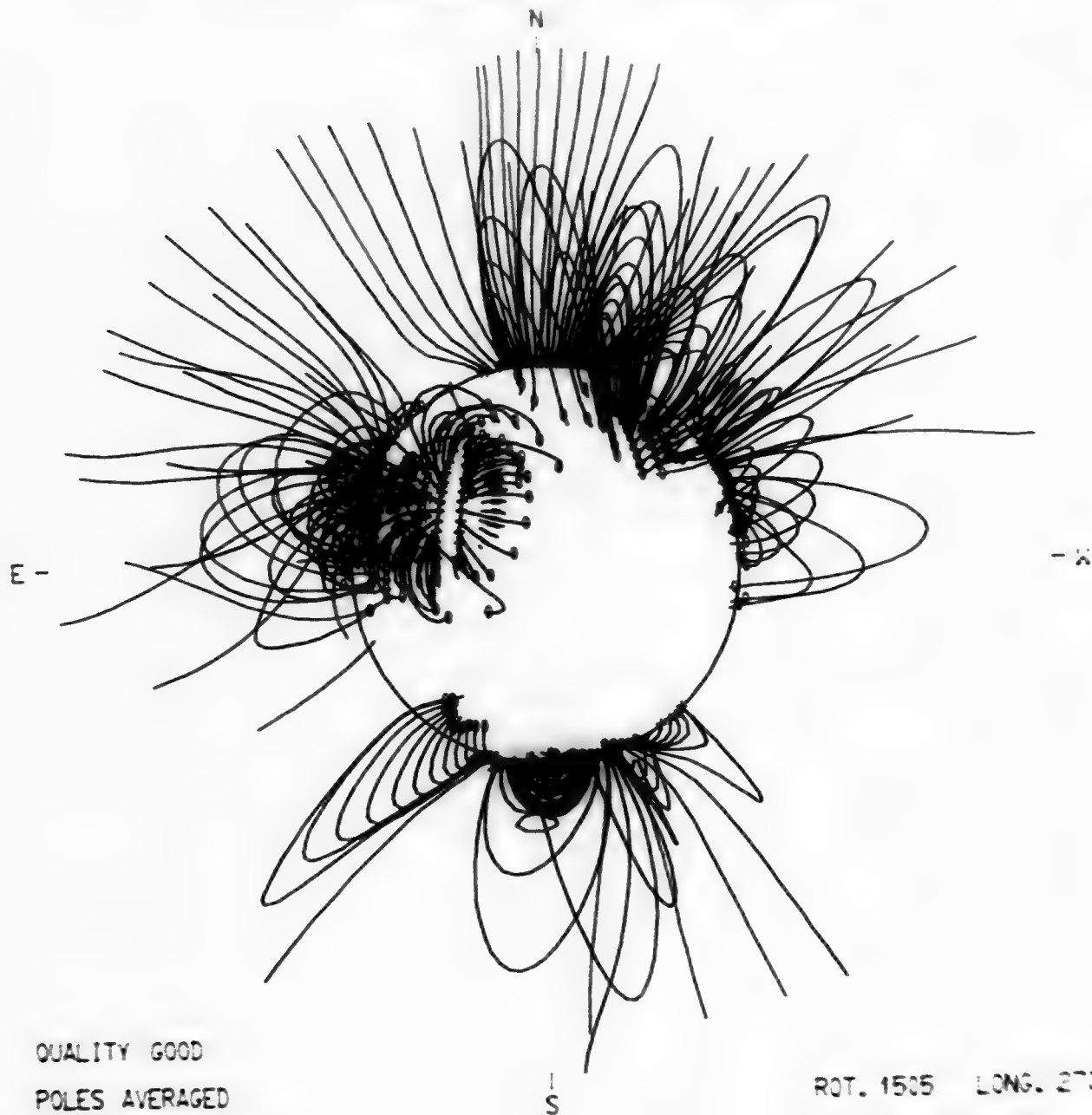


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

S

ROT. 1505 LONG. 270°
11.8 MAR 1966

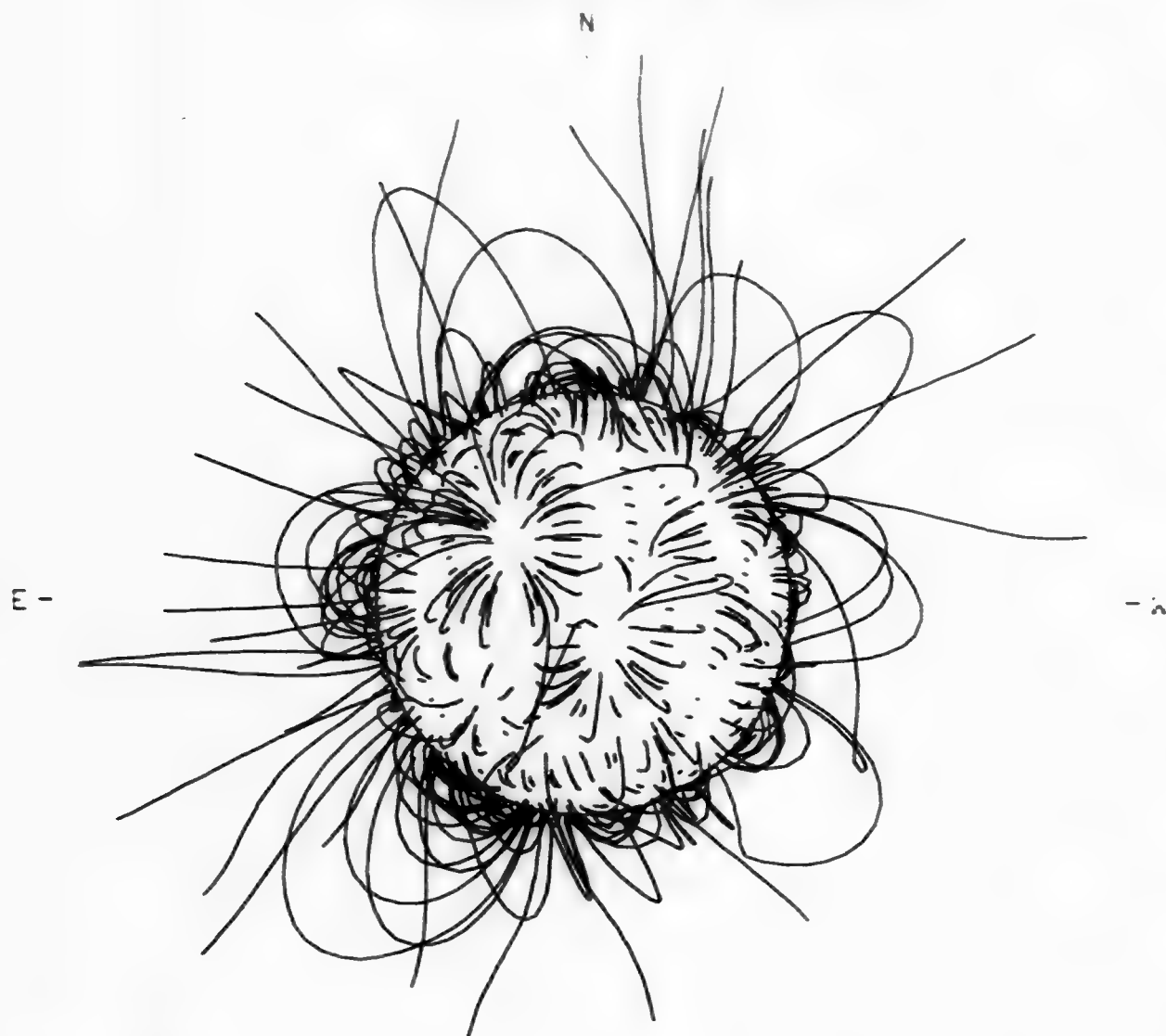
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1504.47

ROT. 1505 LONG. 270°
11.8 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

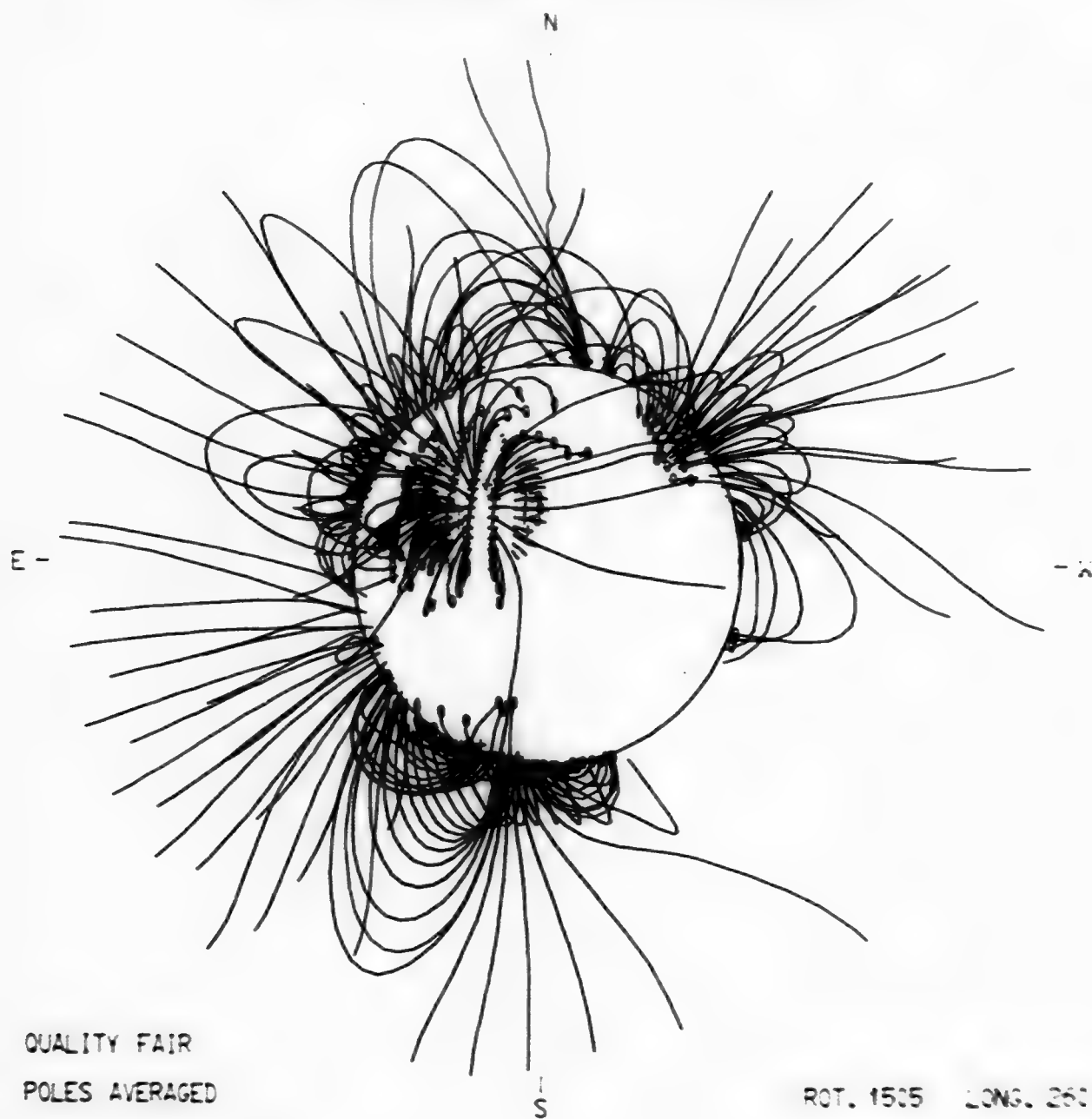


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

1
S

ROT. 1505 LONG. 261°
12.6 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

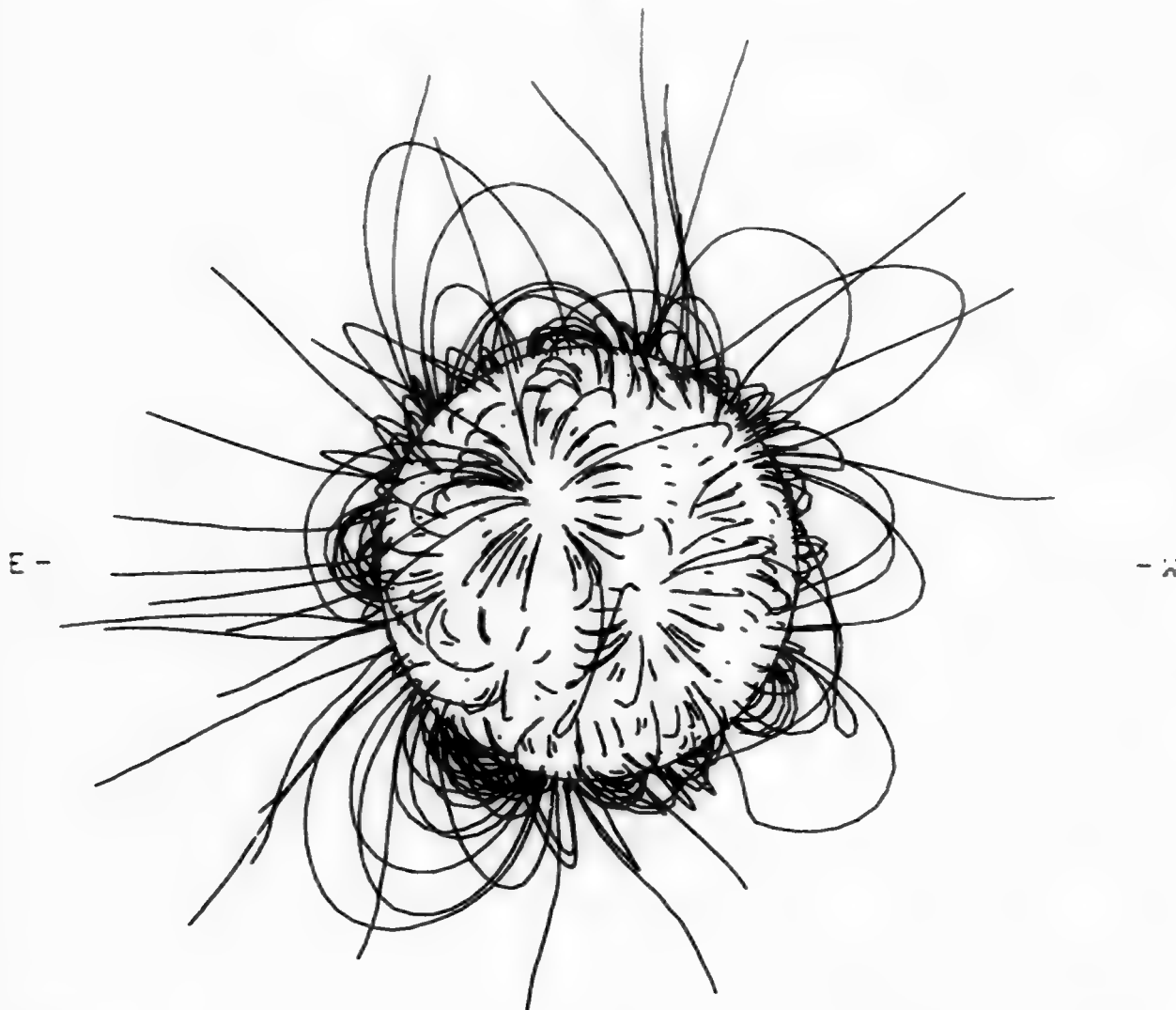


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

ROT. 1505 LONG. 260°
12.6 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

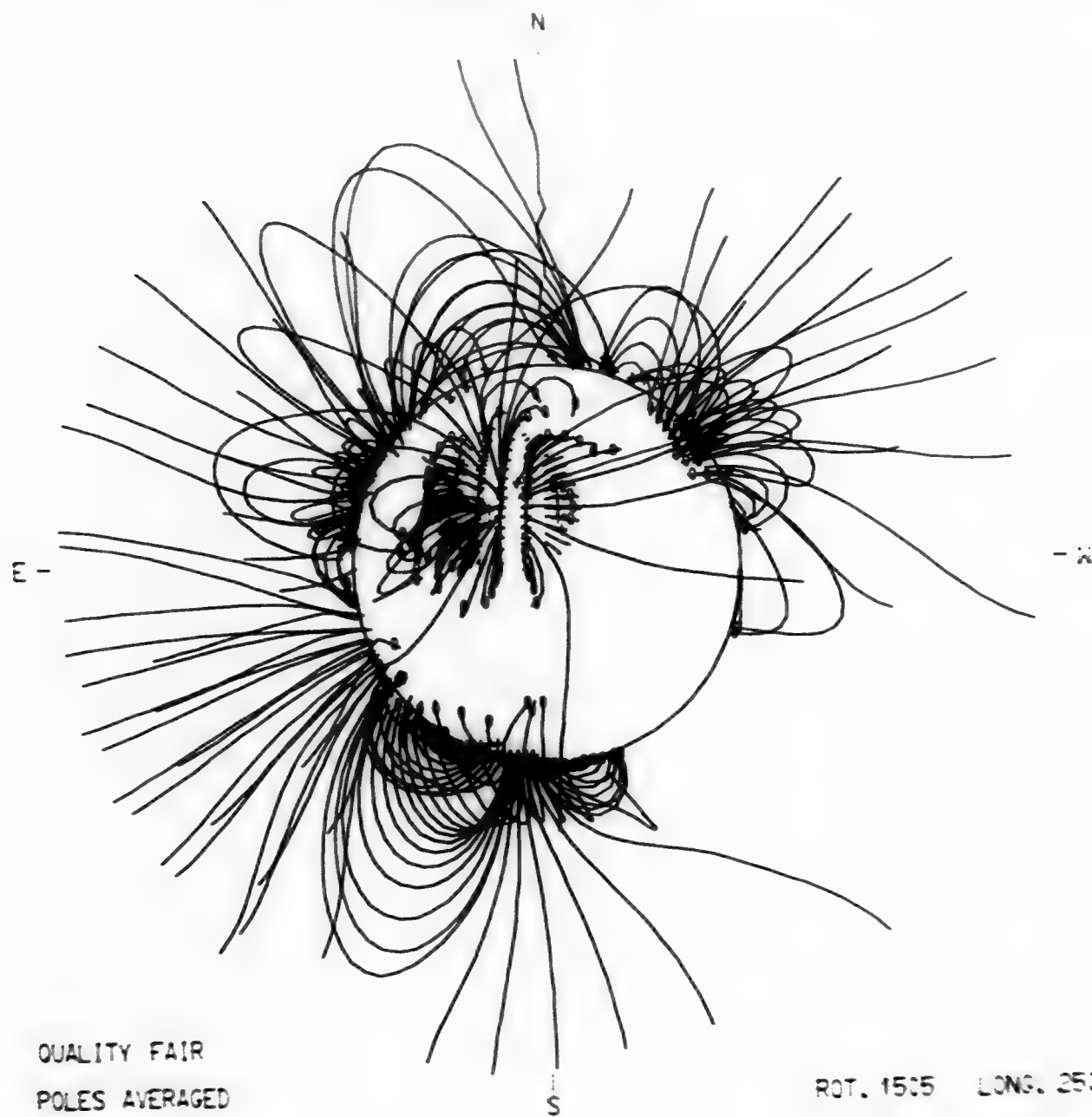
DATA WINDOW 1505.00

I
S

ROT. 1505 LONG. 251°

13.4 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

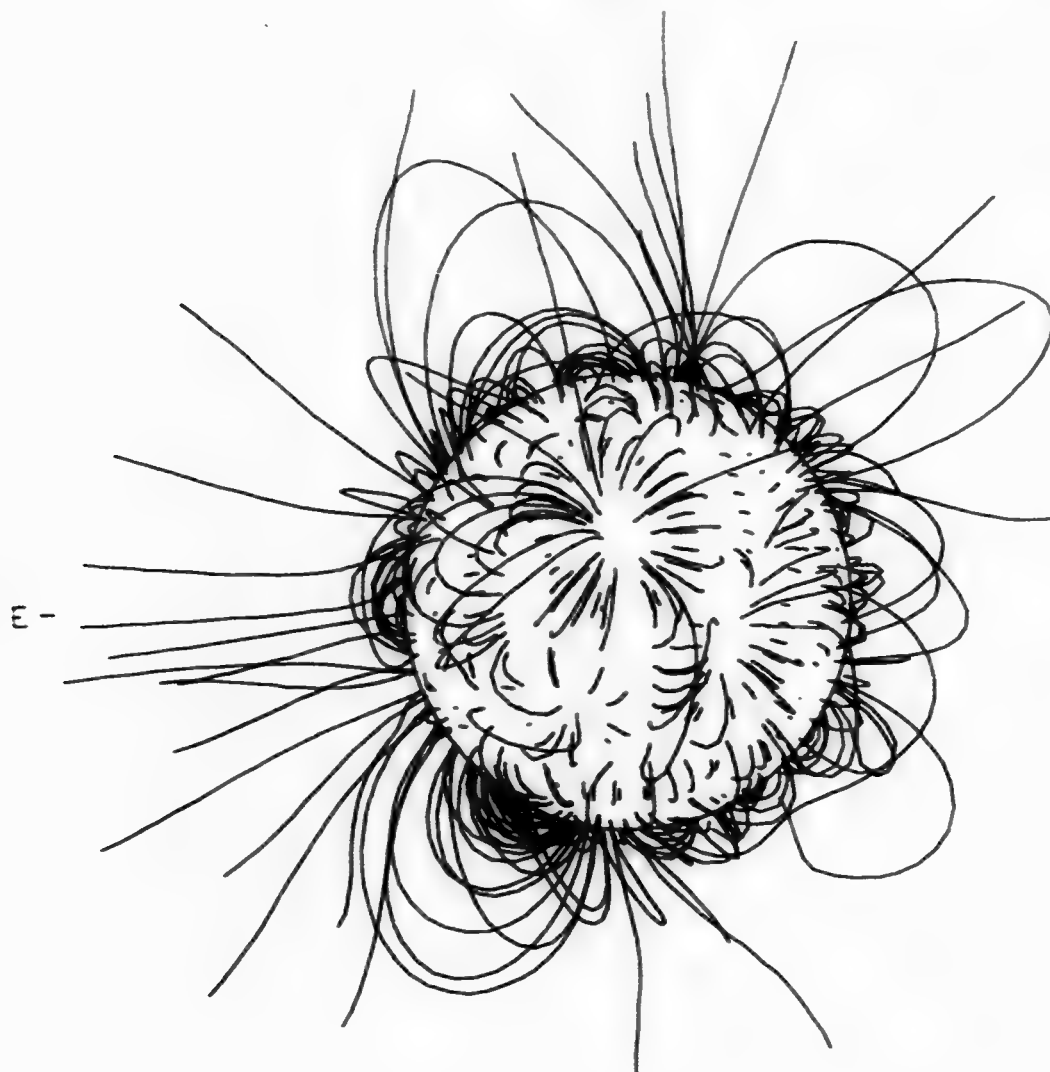


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

ROT. 1505 LONG. 250°
13.4 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



E -

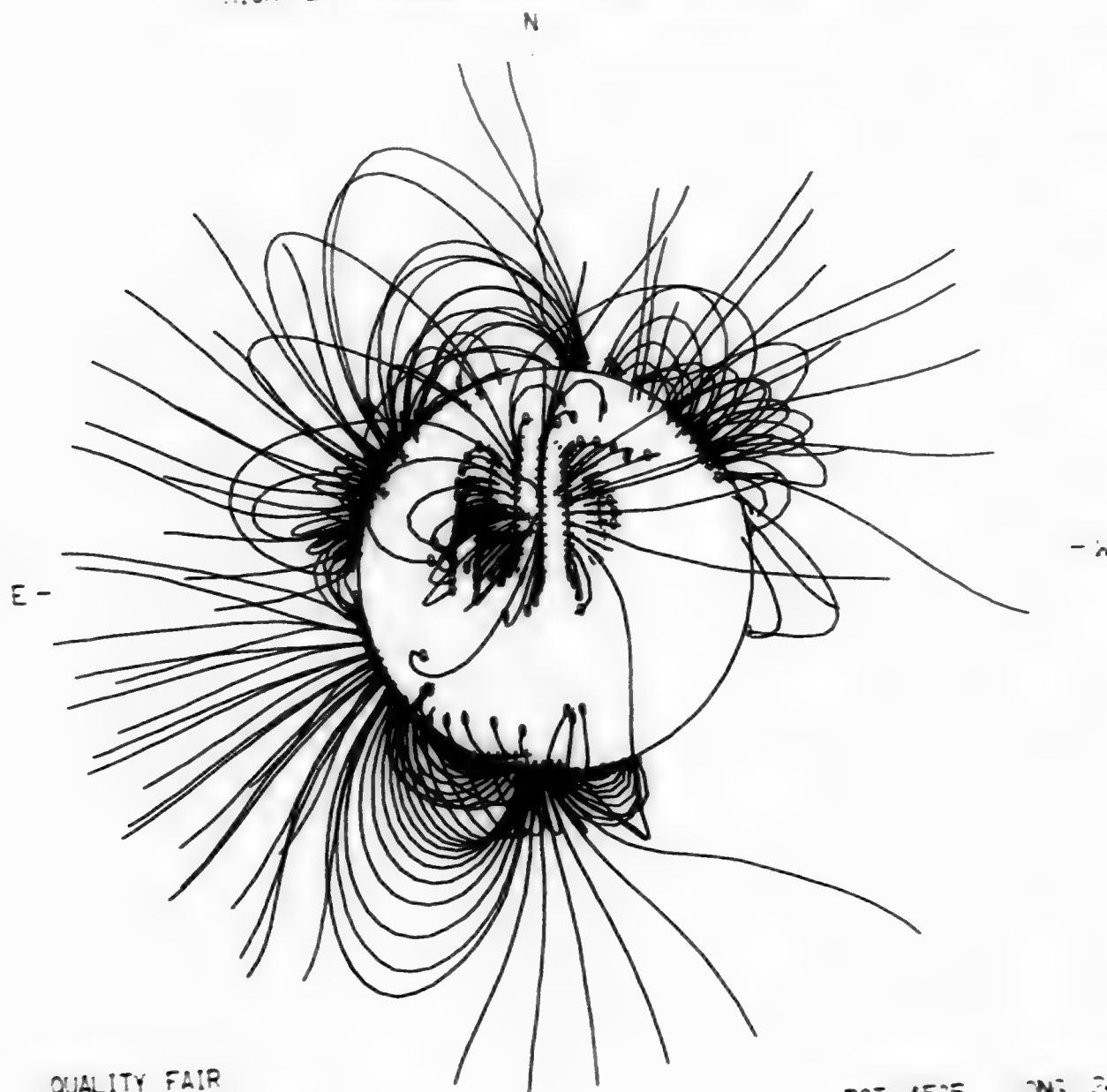
- W

QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

I
S

ROT. 1505 LONG. 240°
14.1 MAR 1966

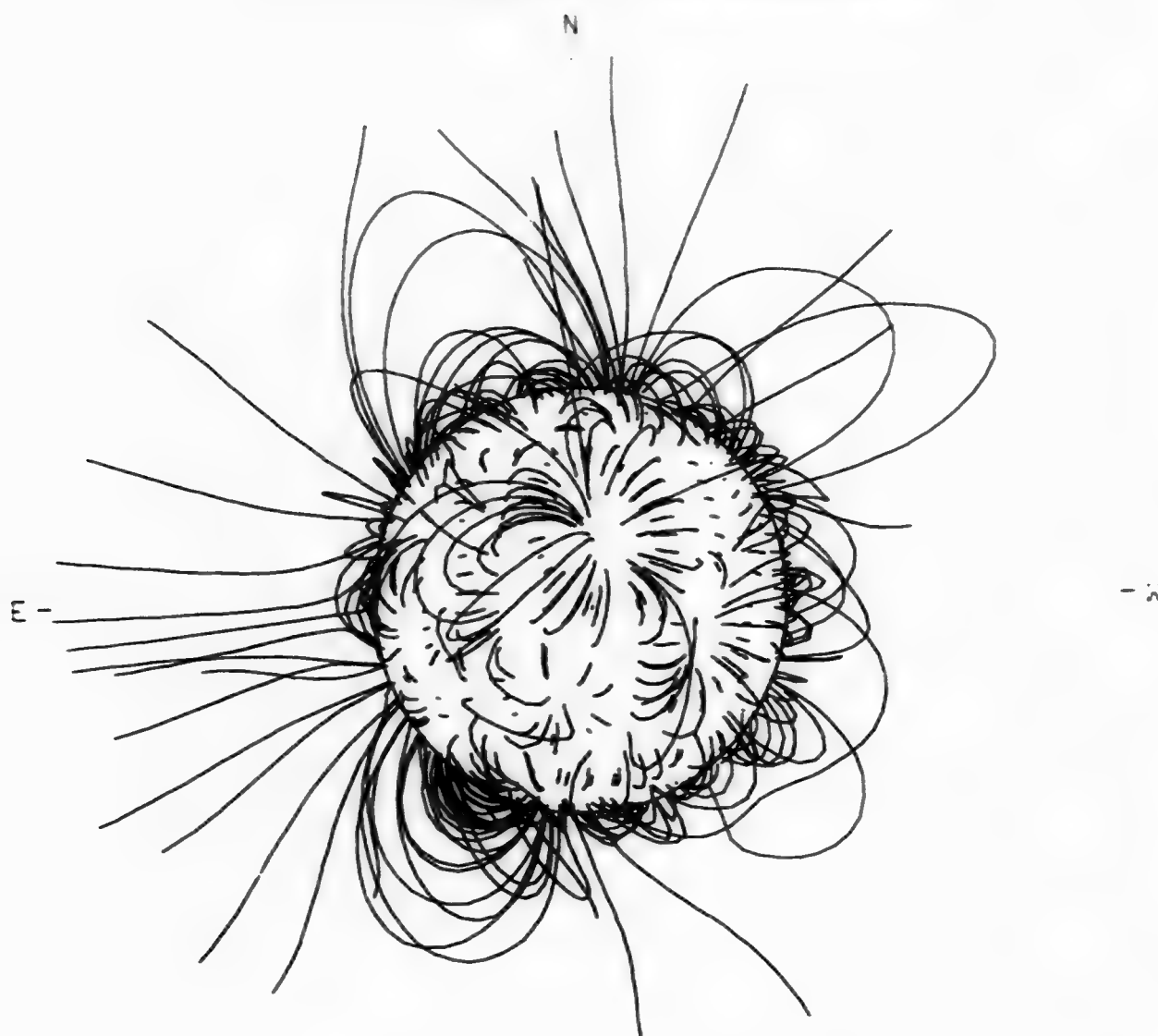
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

ROT. 1505 LONG. 240°
14.1 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

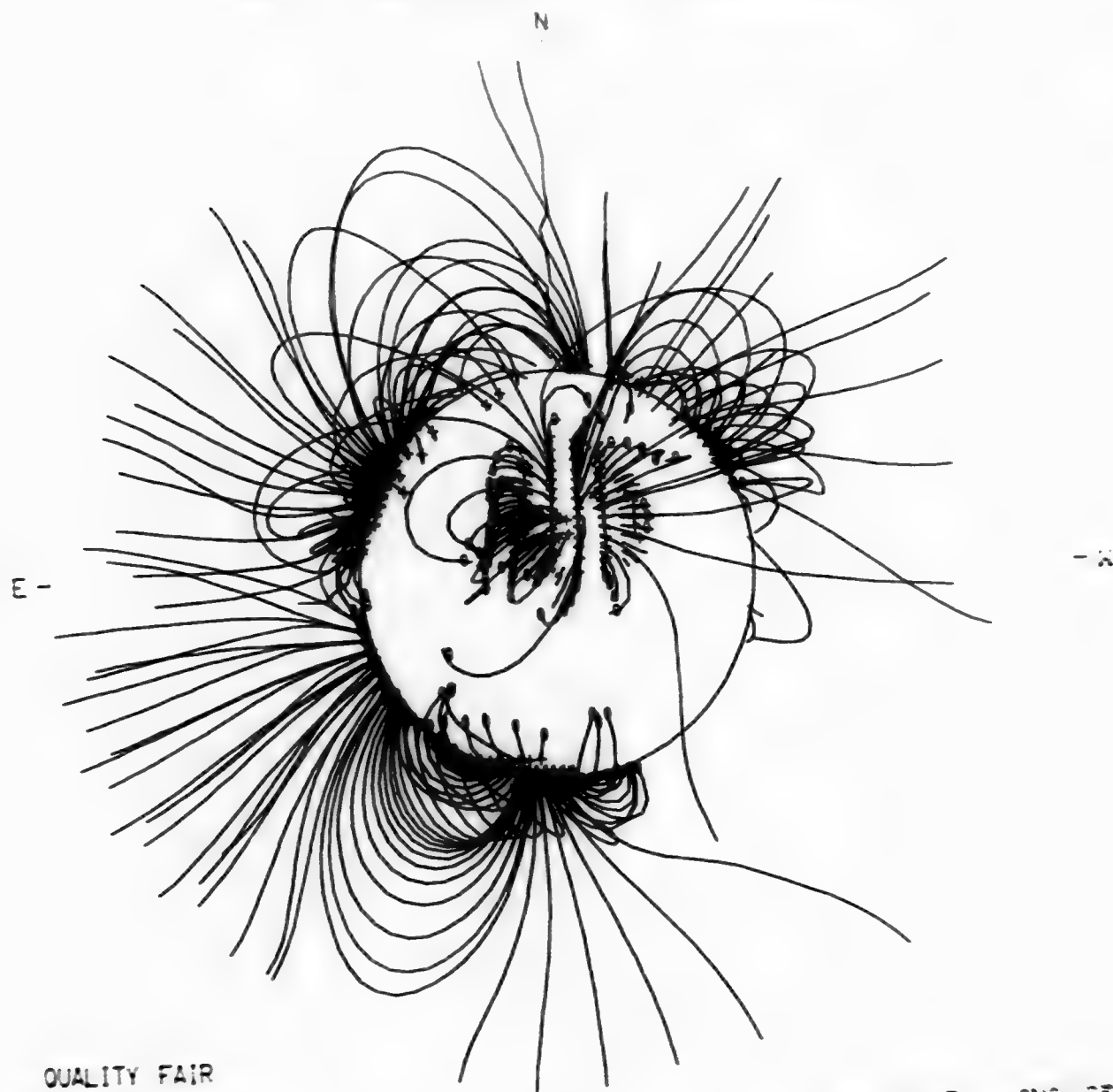


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

I
S

ROT. 1505 LONG. 250°
14.9 MAR 1966

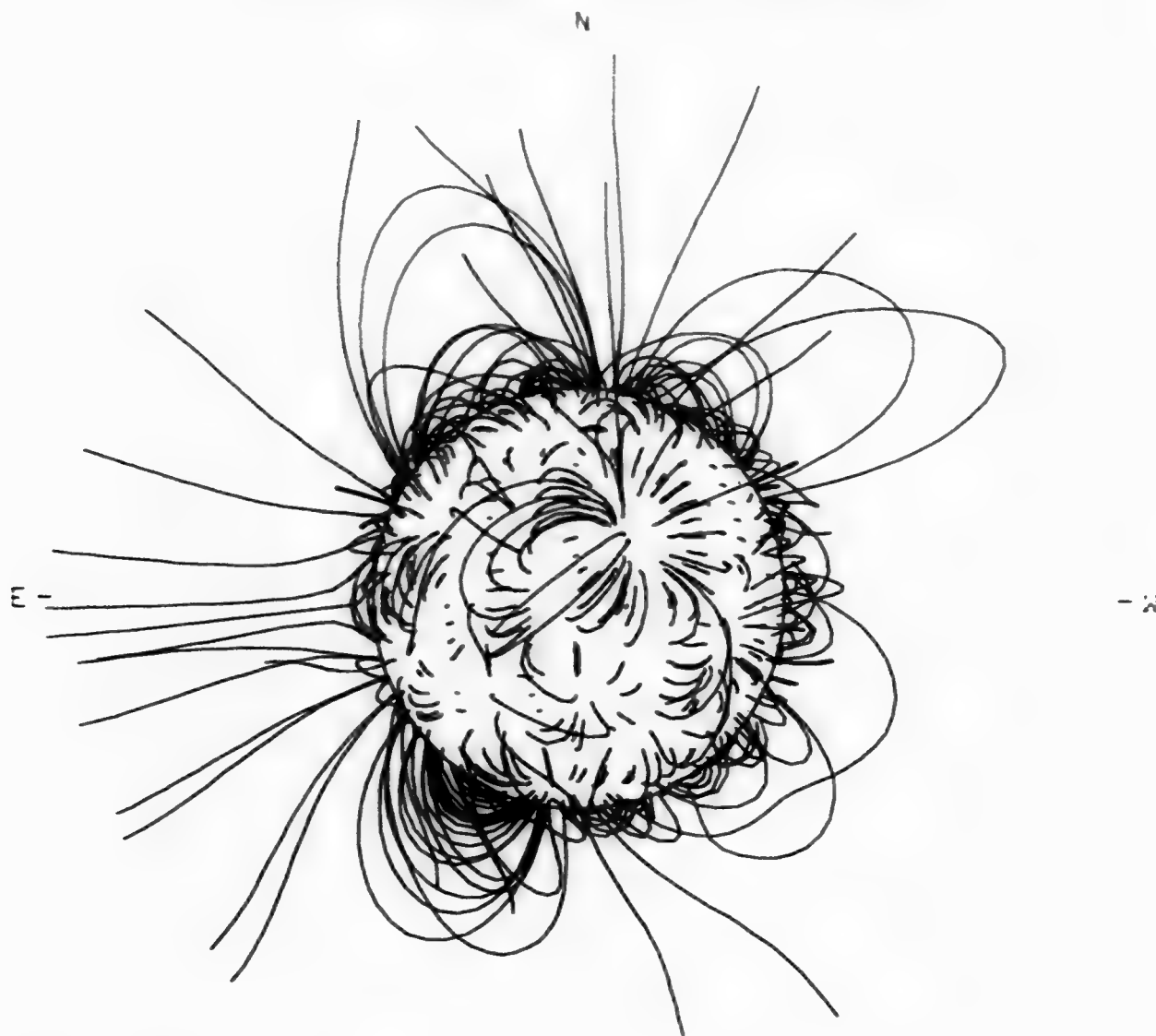
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

ROT. 1505 LONG. 230°
12.9 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

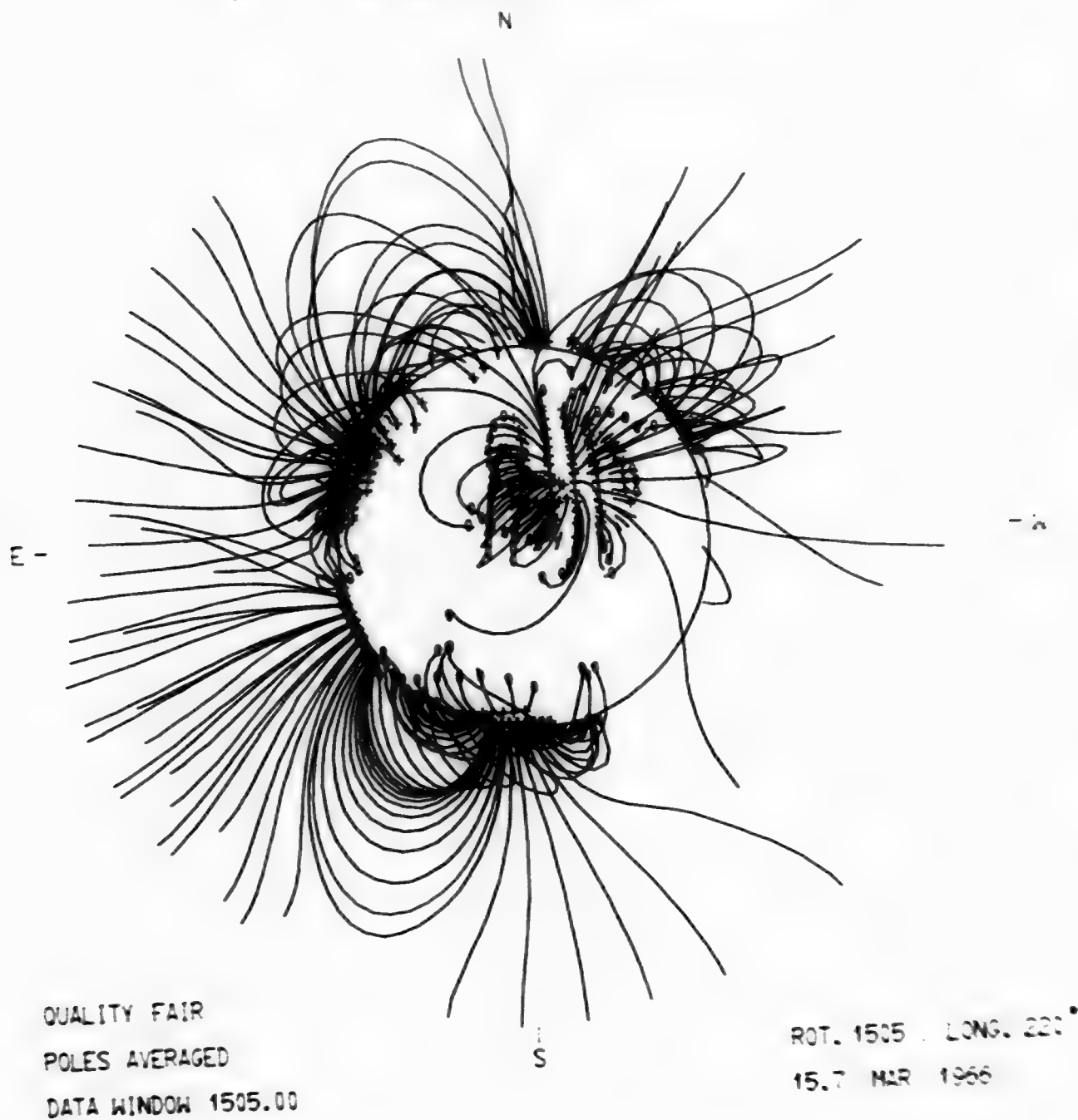


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

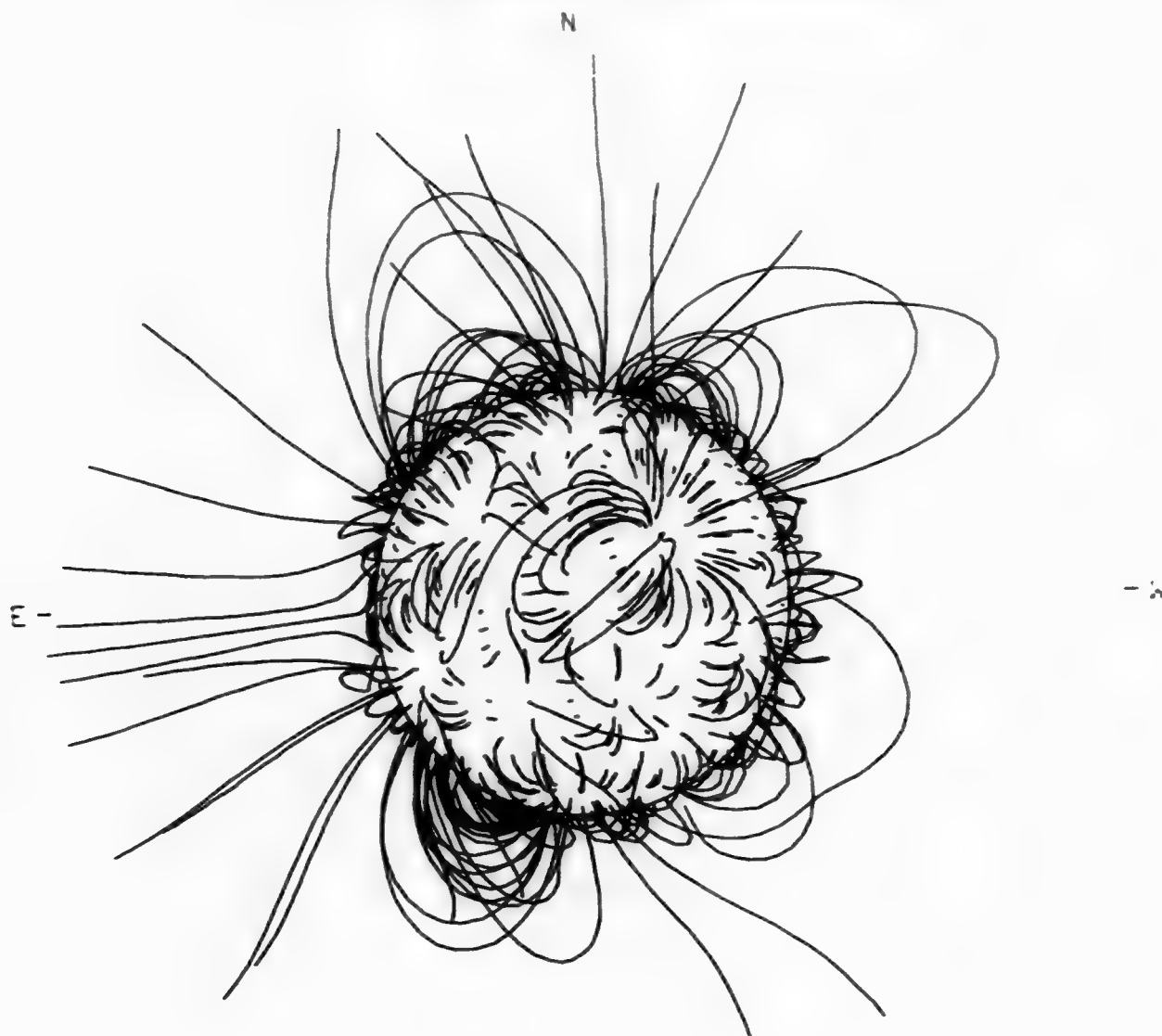
!
S

ROT. 1505 LONG. 220°
15.7 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



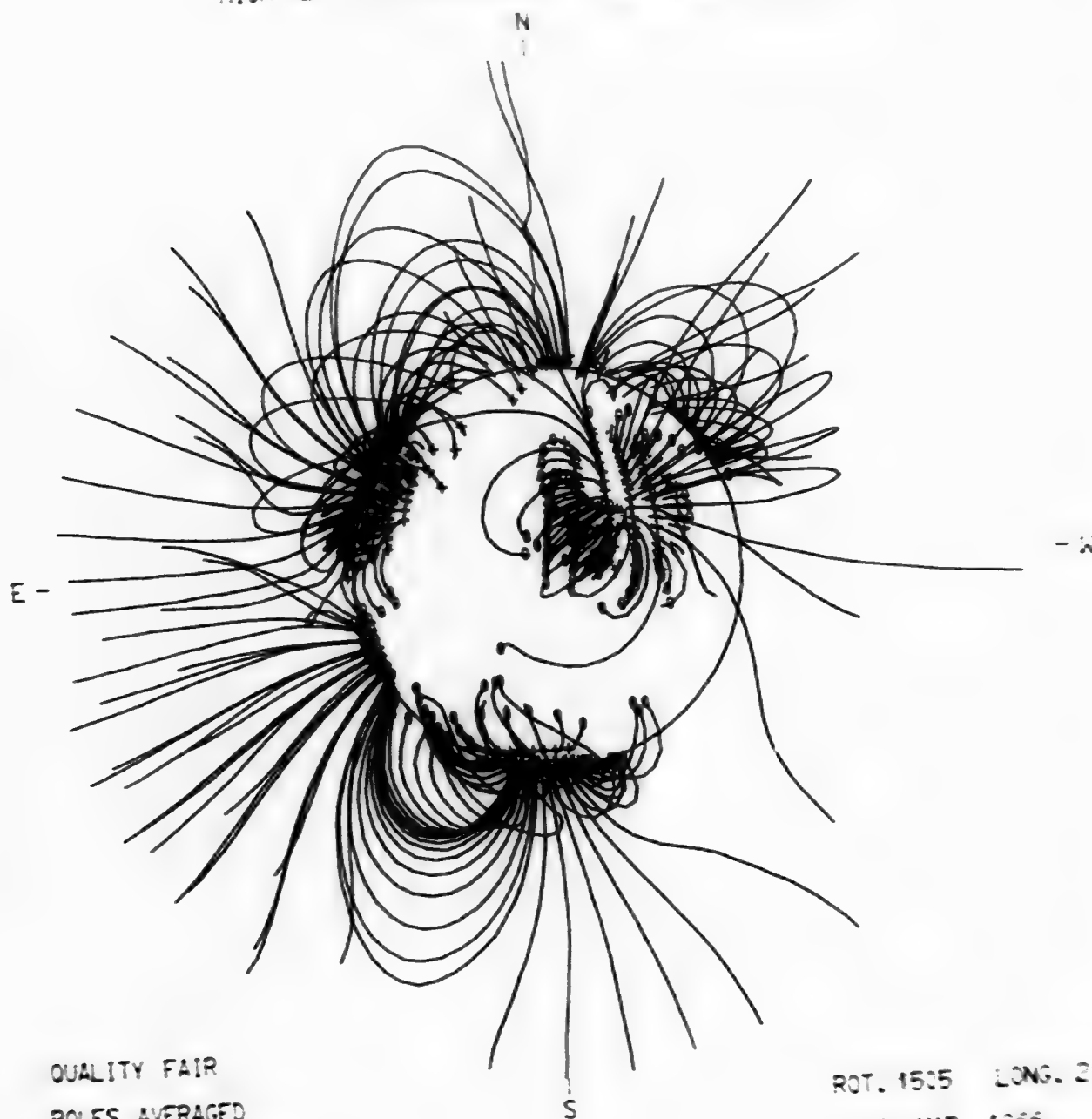
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

ROT. 1505 LONG. 210°
16.4 MAR 1966

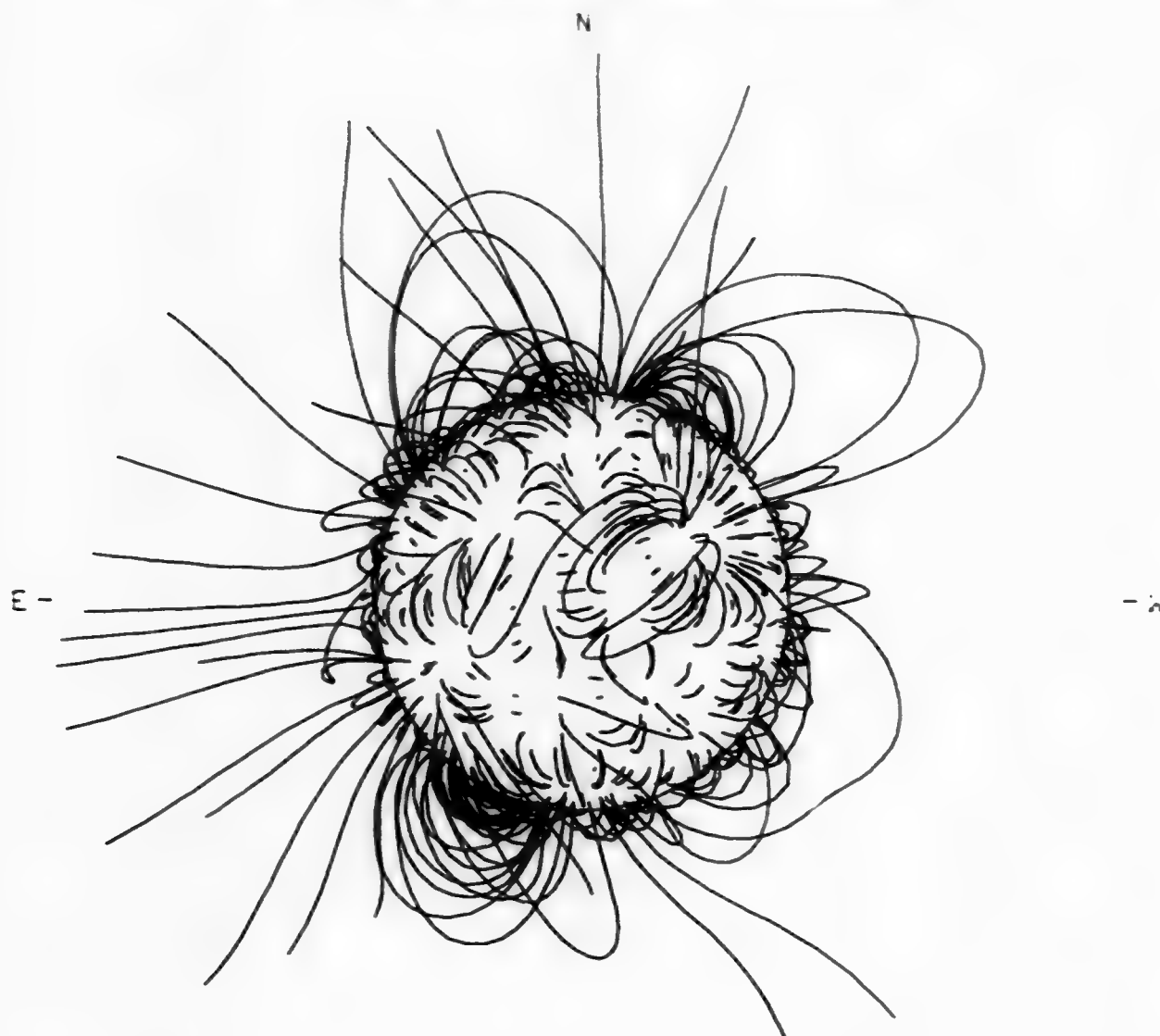
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

ROT. 1505 LONG. 210°
16.4 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

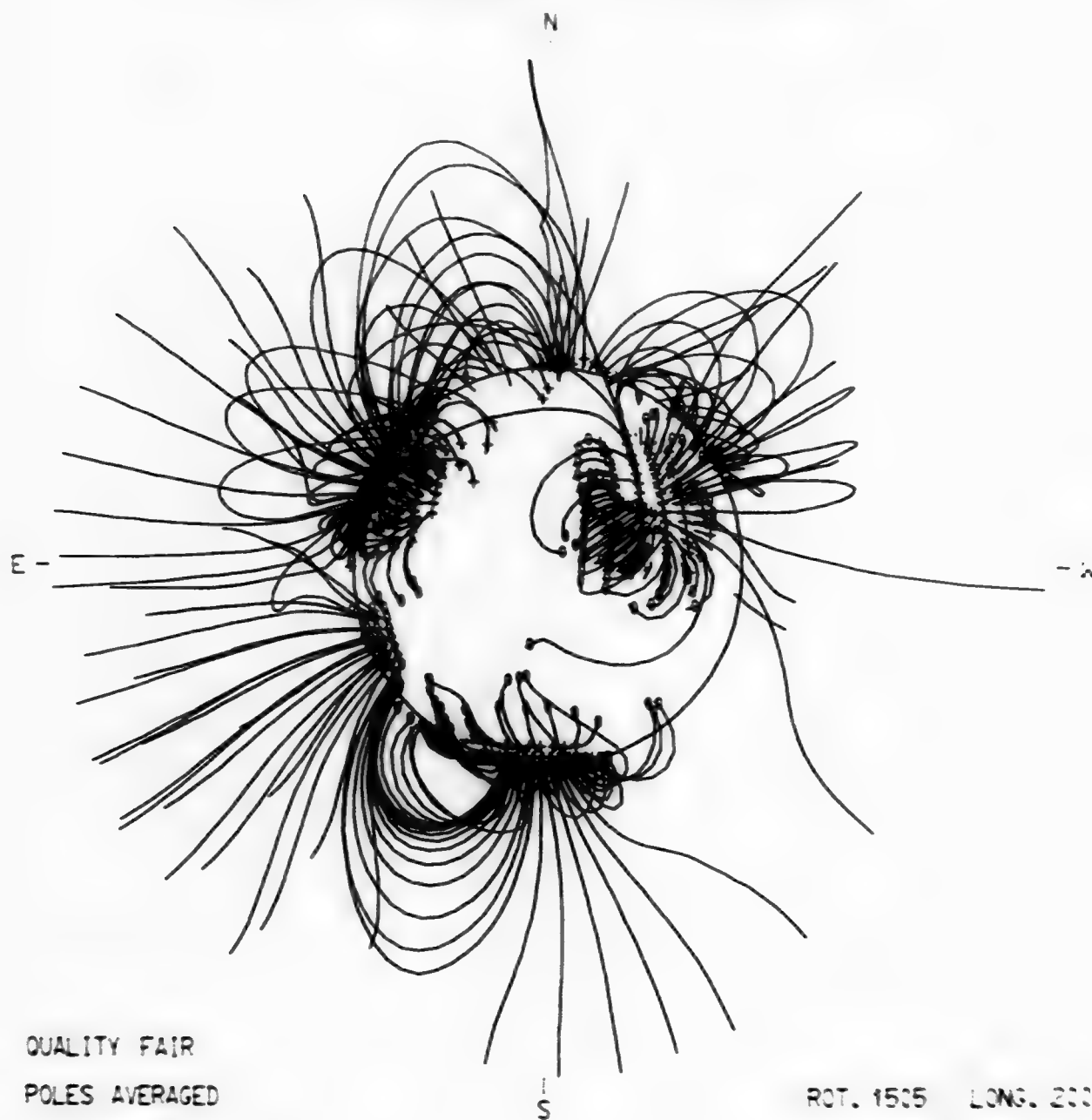


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

1
S

ROT. 1505 LONG. 200°
17.2 MAR 1966

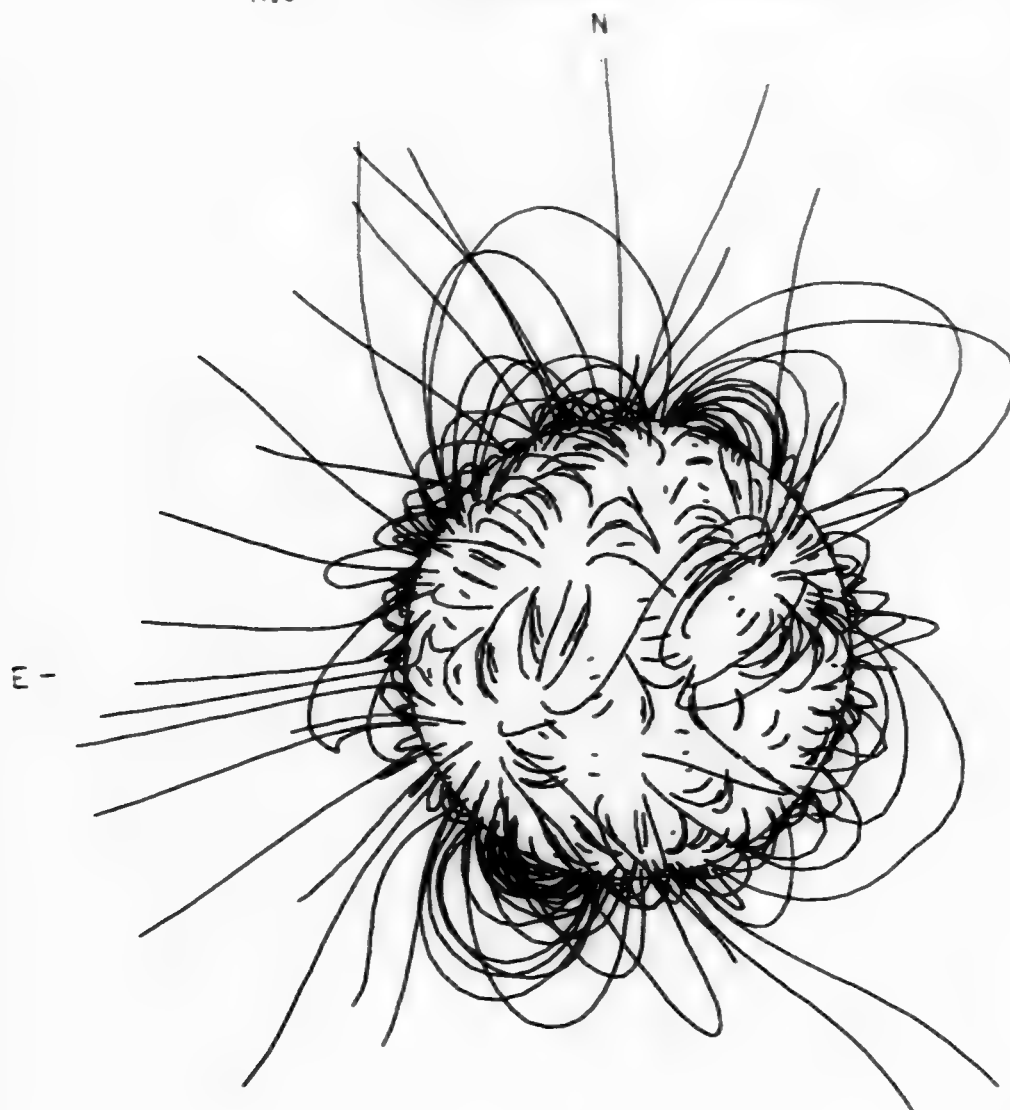
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

ROT. 1505 LONG. 200°
17.2 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

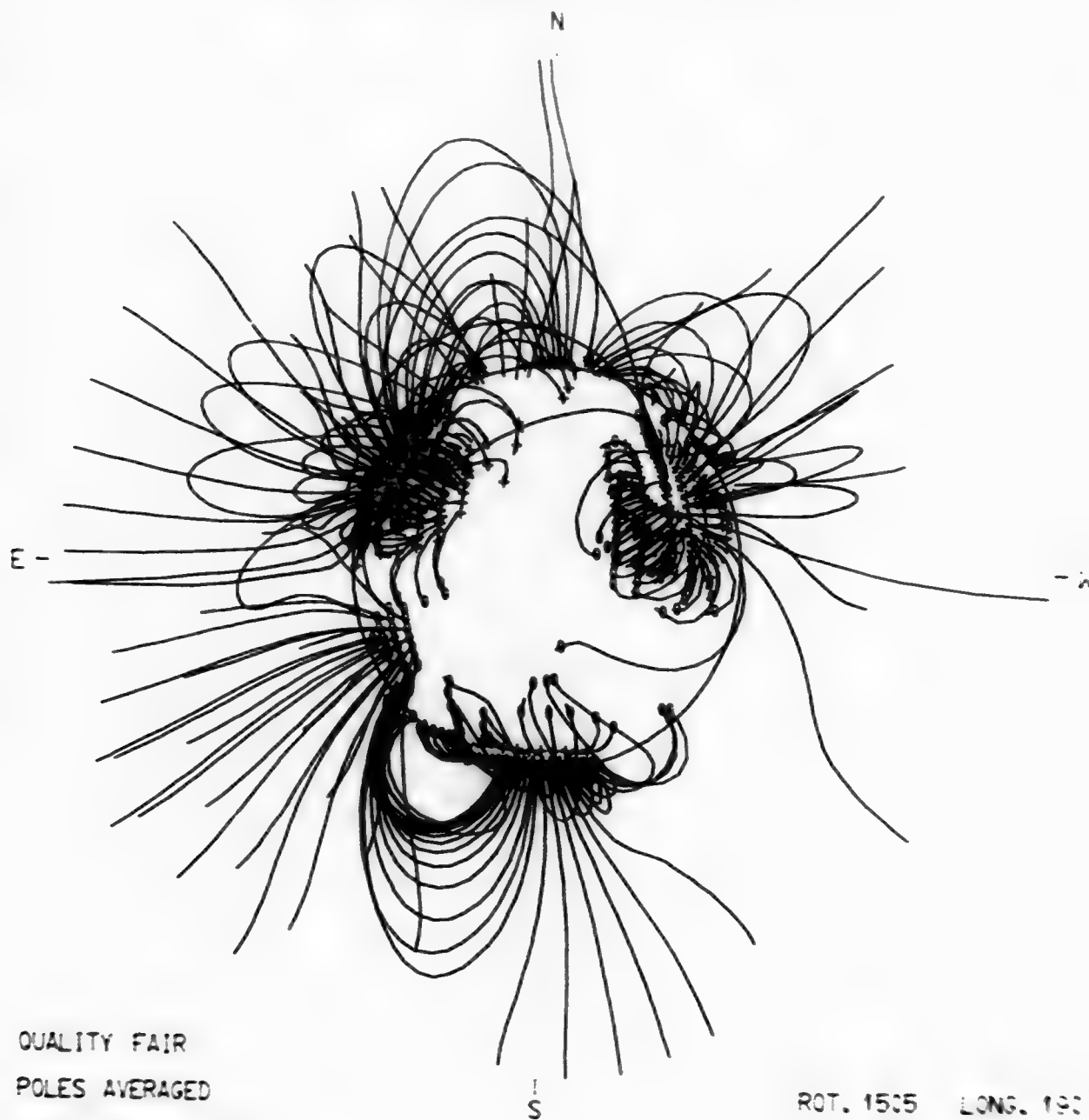


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

S

ROT. 1505 LONG. 190°
17.9 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

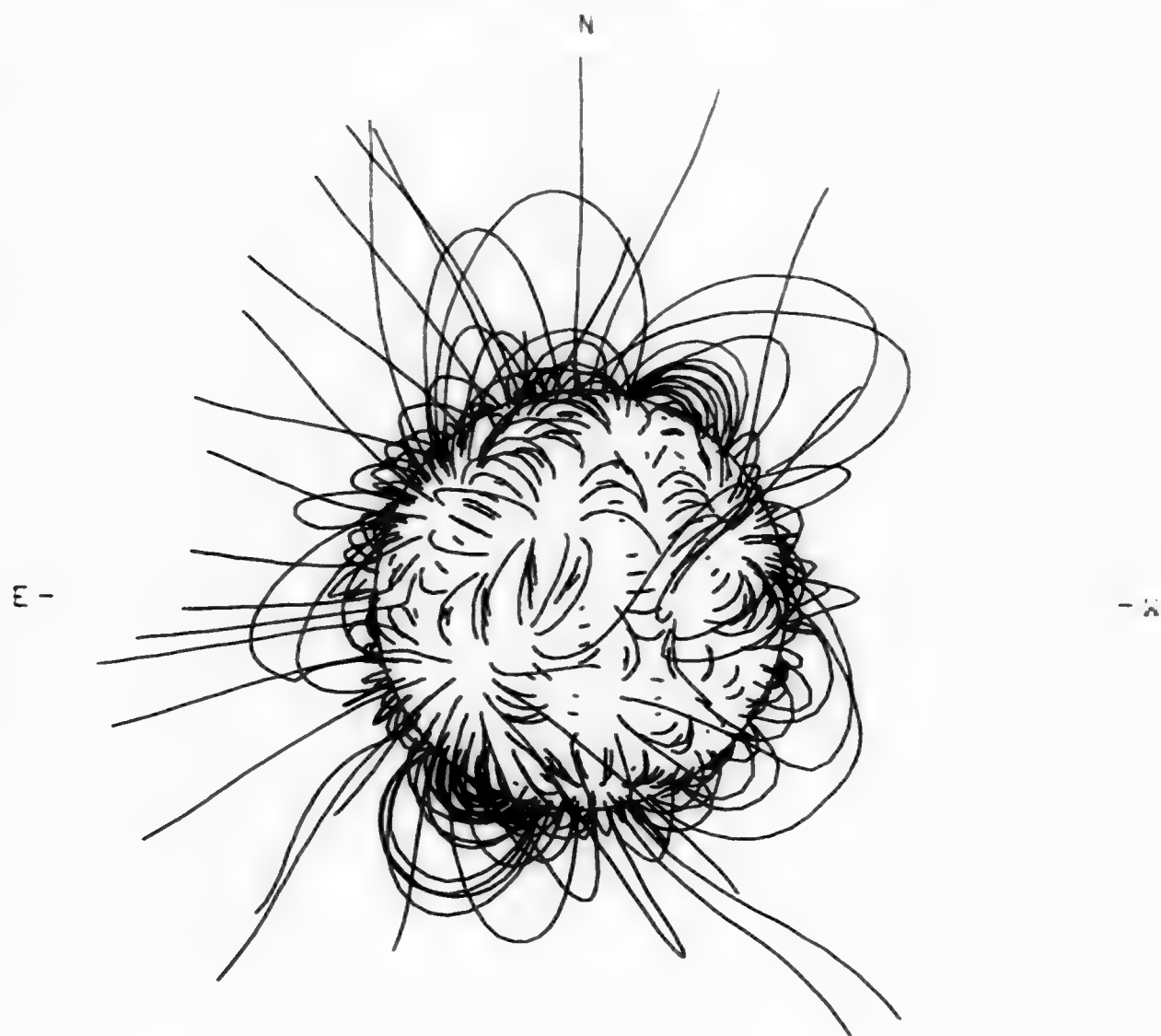
POLES AVERAGED

DATA WINDOW 1505.00

ROT. 1505 LONG. 190°

17.9 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

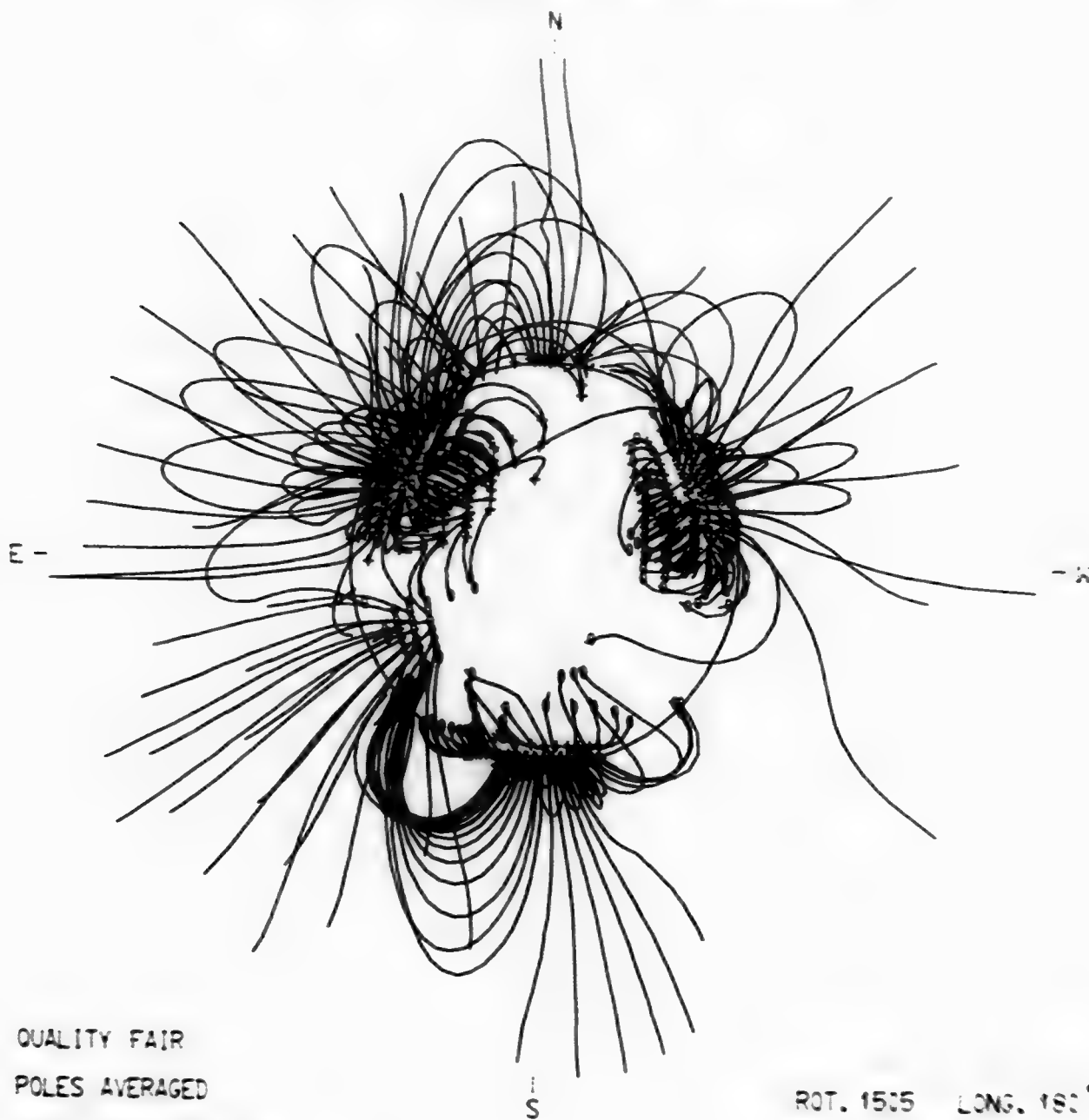


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

I
S

ROT. 1505 LONG. 180°
18.7 MAR 1966

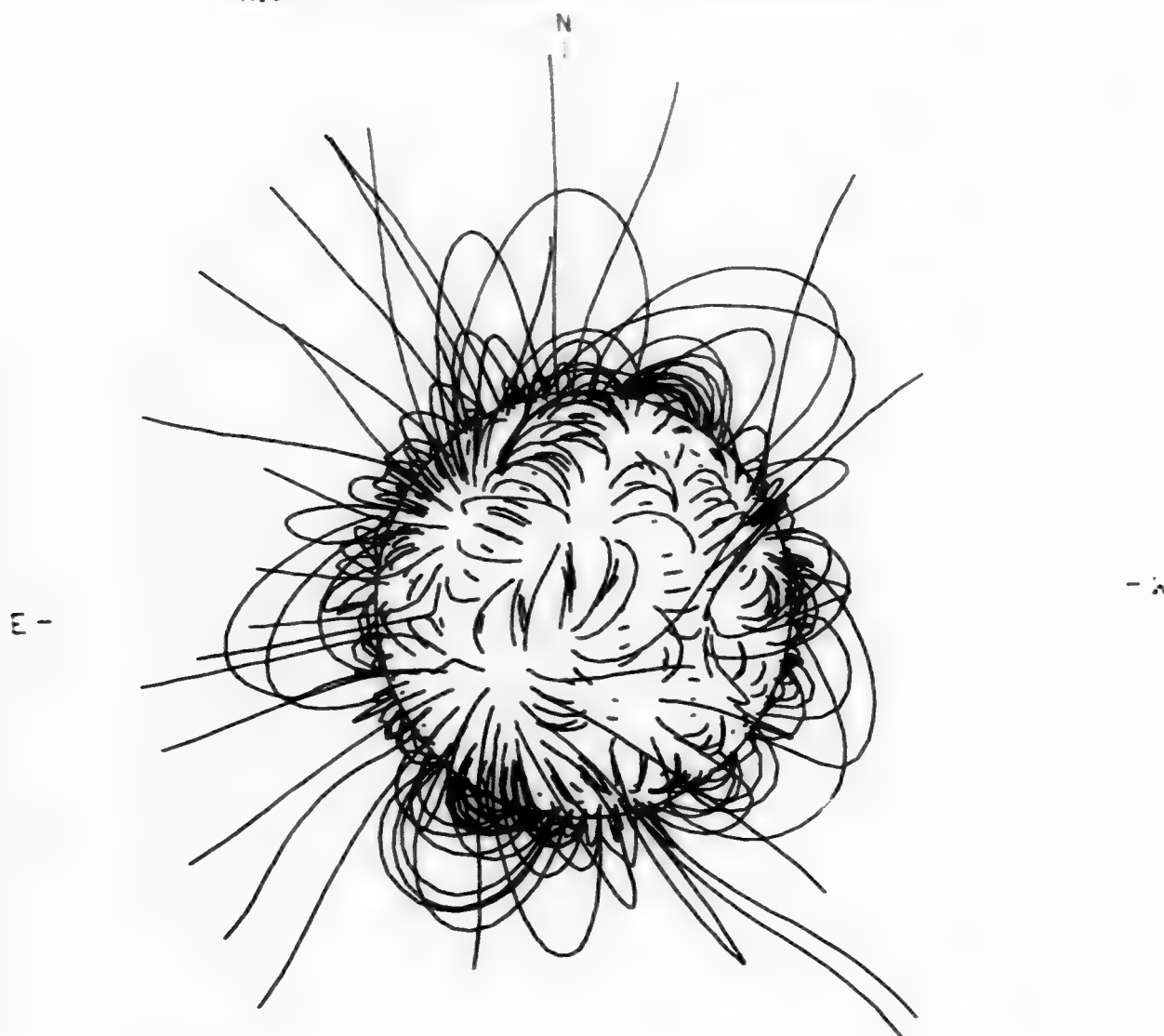
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

ROT. 1505 LONG. 180°
18.7 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

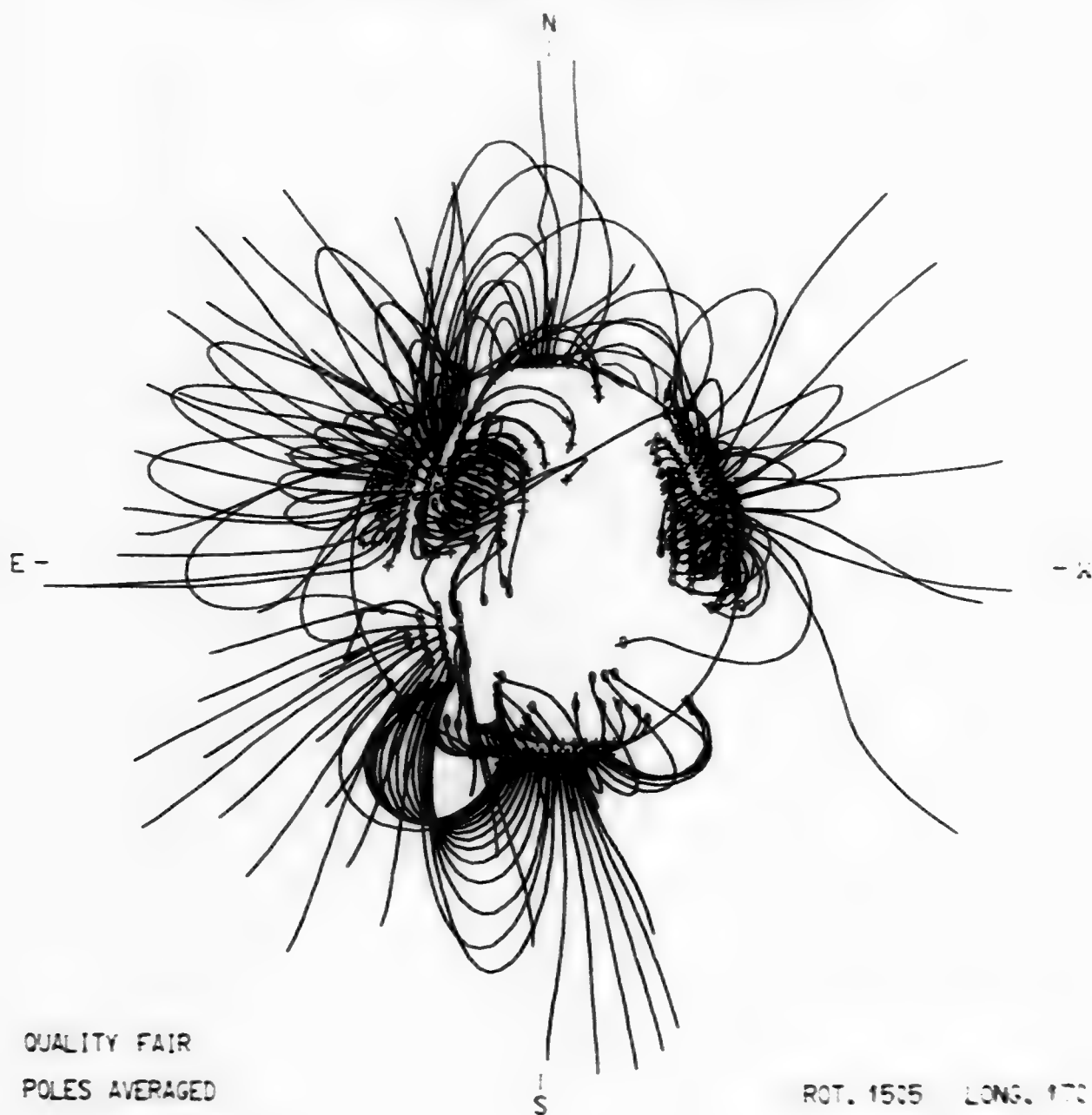


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

1
S

ROT. 1505 LONG. 170°
19.4 MAR 1966

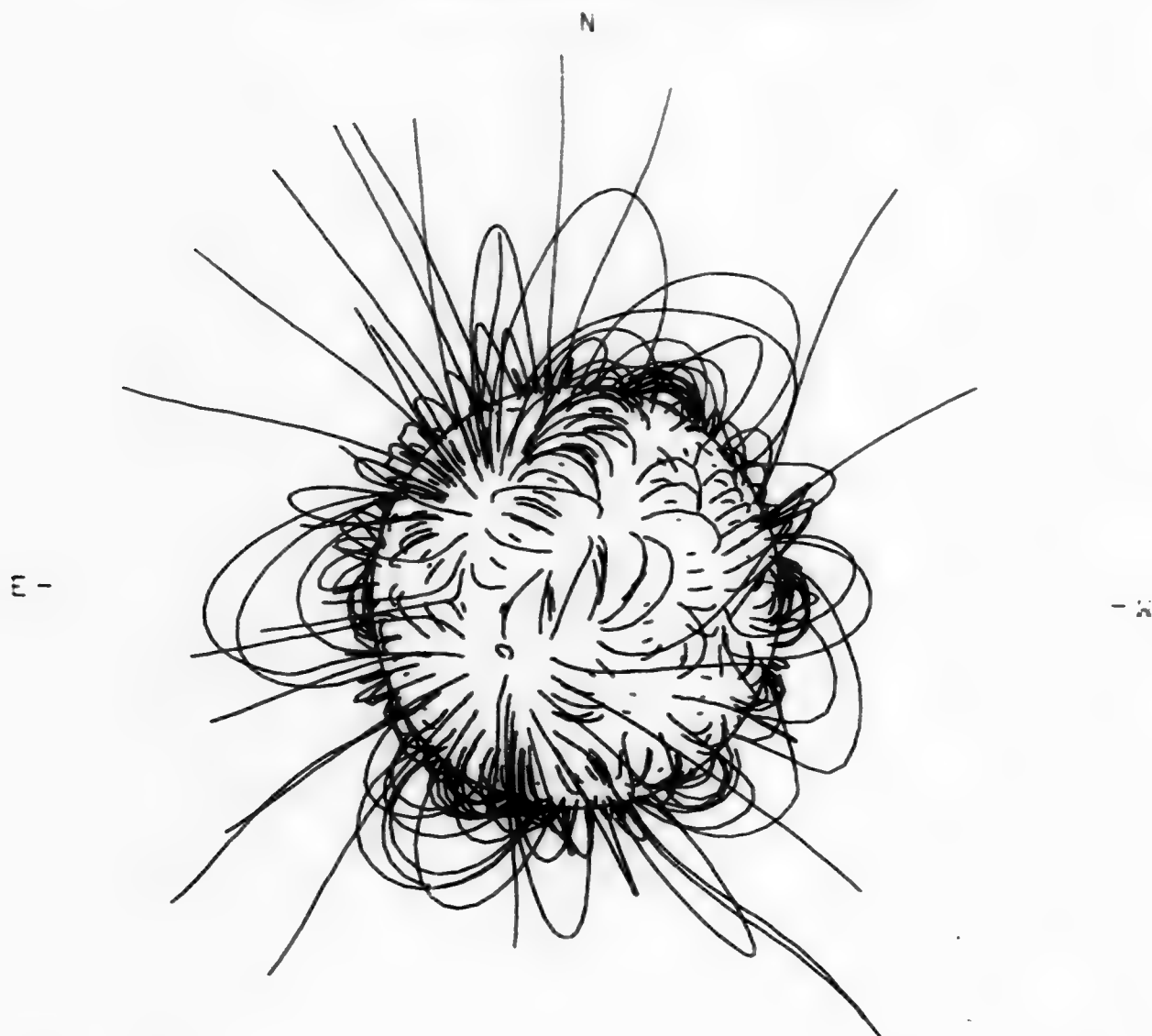
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

ROT. 1505 LONG. 170°
19.4 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

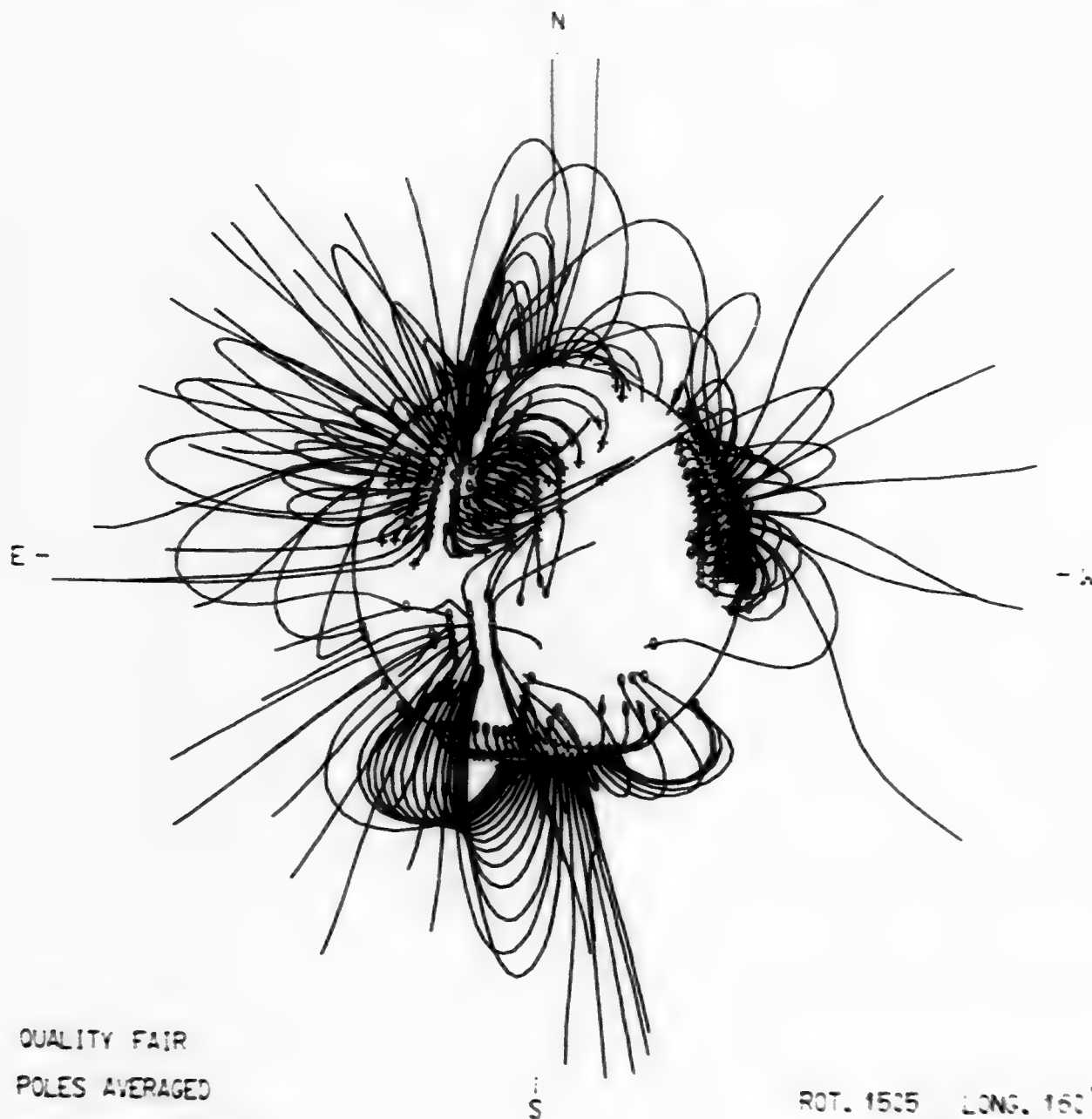


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

S

ROT. 1505 LONG. 160°
20.2 MAR 1966

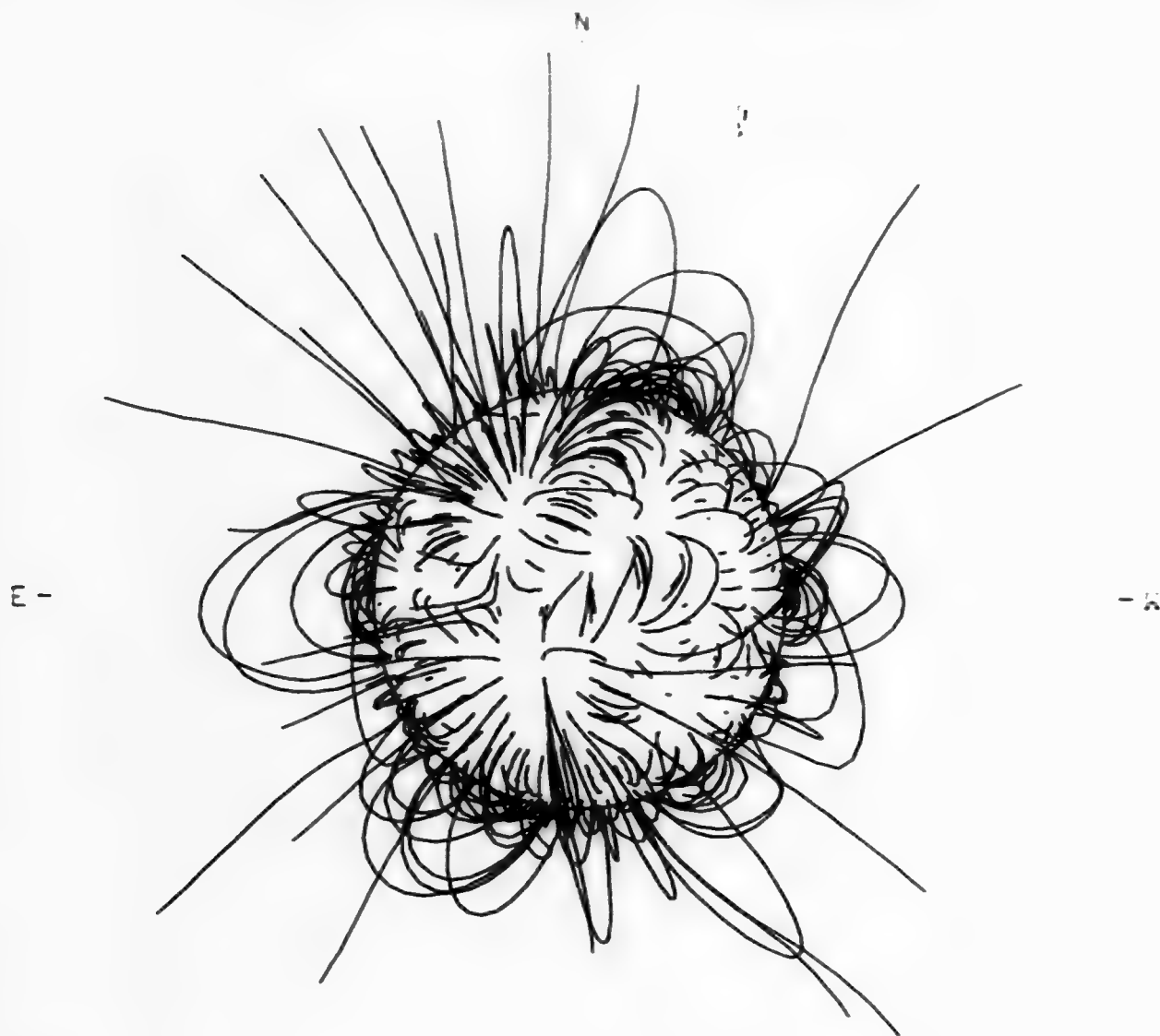
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

ROT. 1505 LONG. 160°
20.2 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

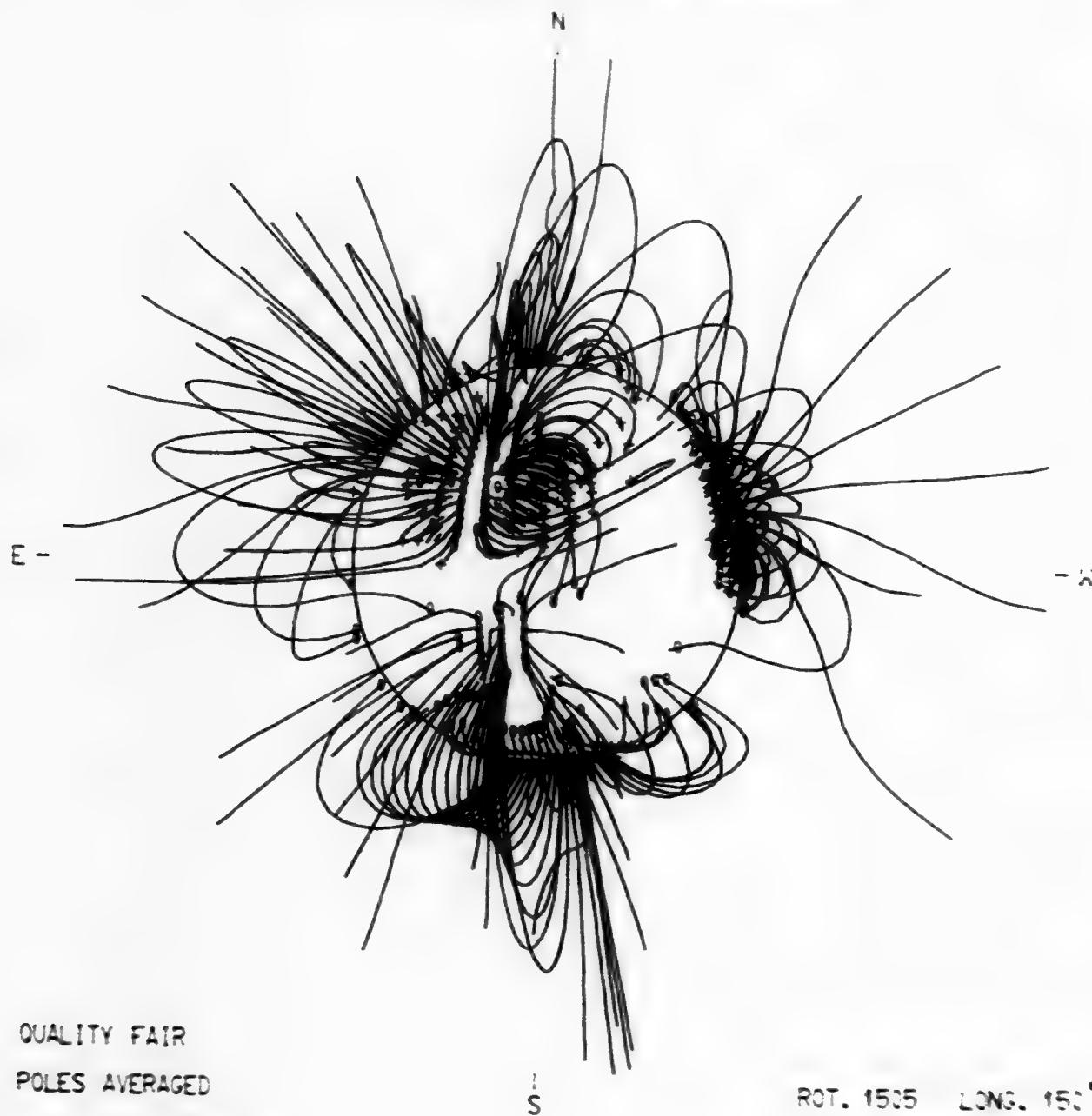


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

!
S

ROT. 1505 LONG. 150°
21.0 MAR 1966

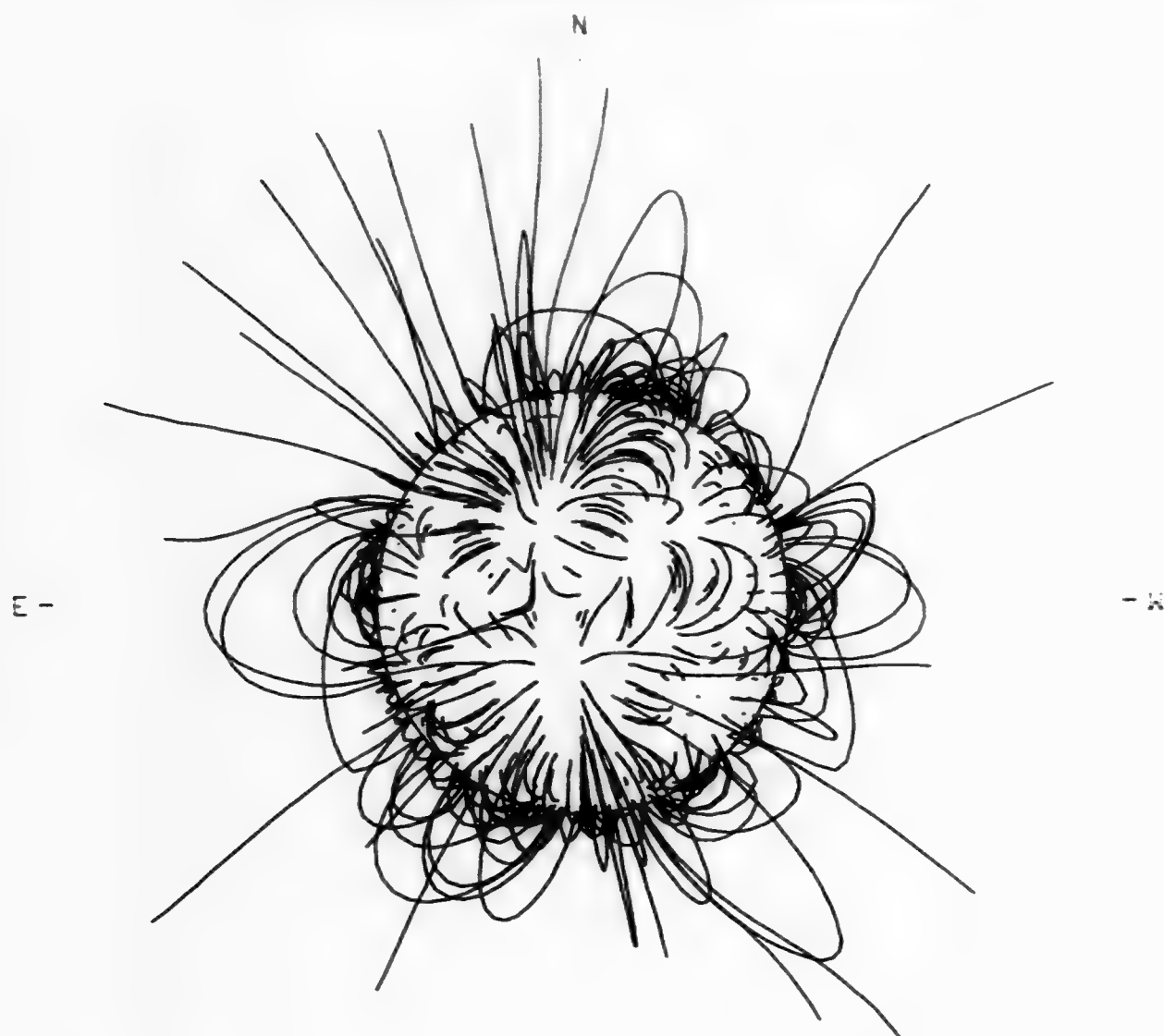
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

ROT. 1505 LONG. 150°
21.0 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

1
S

ROT. 1505 LONG. 140°
21.7 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

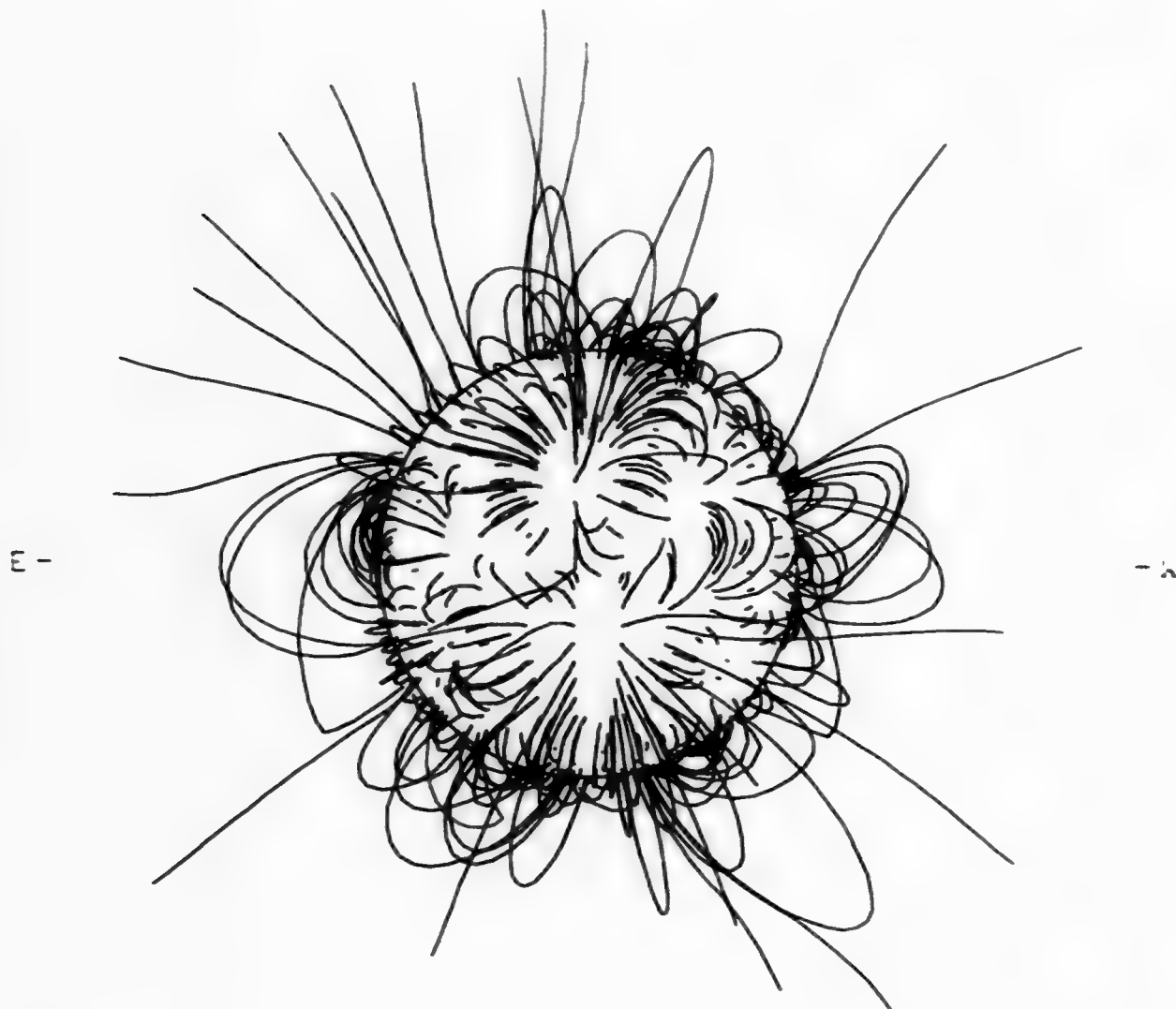


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

ROT. 1505 LONG. 140°
21.7 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1505.00

S

ROT. 1515 LONG. 131°

22.5 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

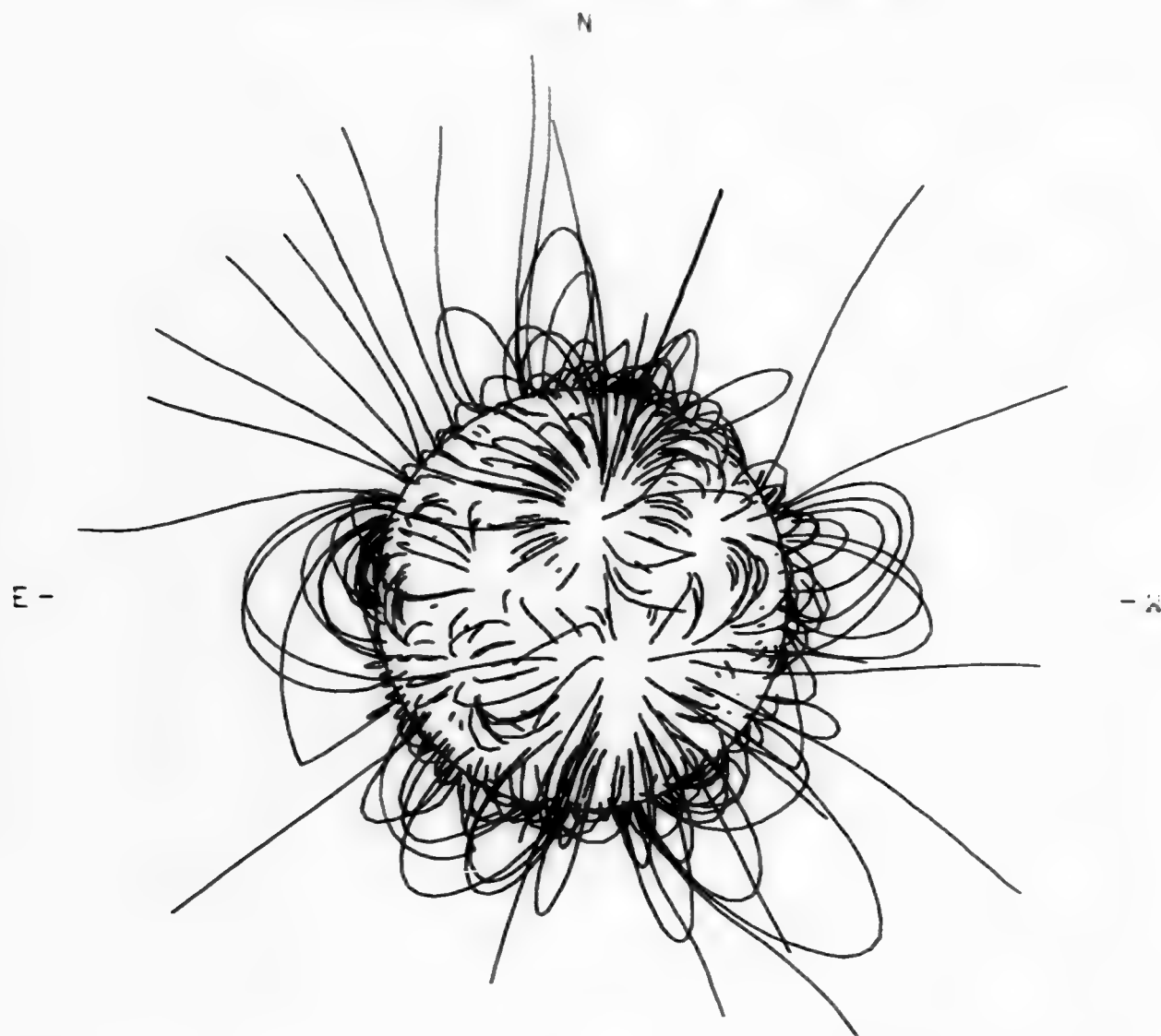
DATA WINDOW 1505.00

I
S

ROT. 1505 LONG. 150°

22.5 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

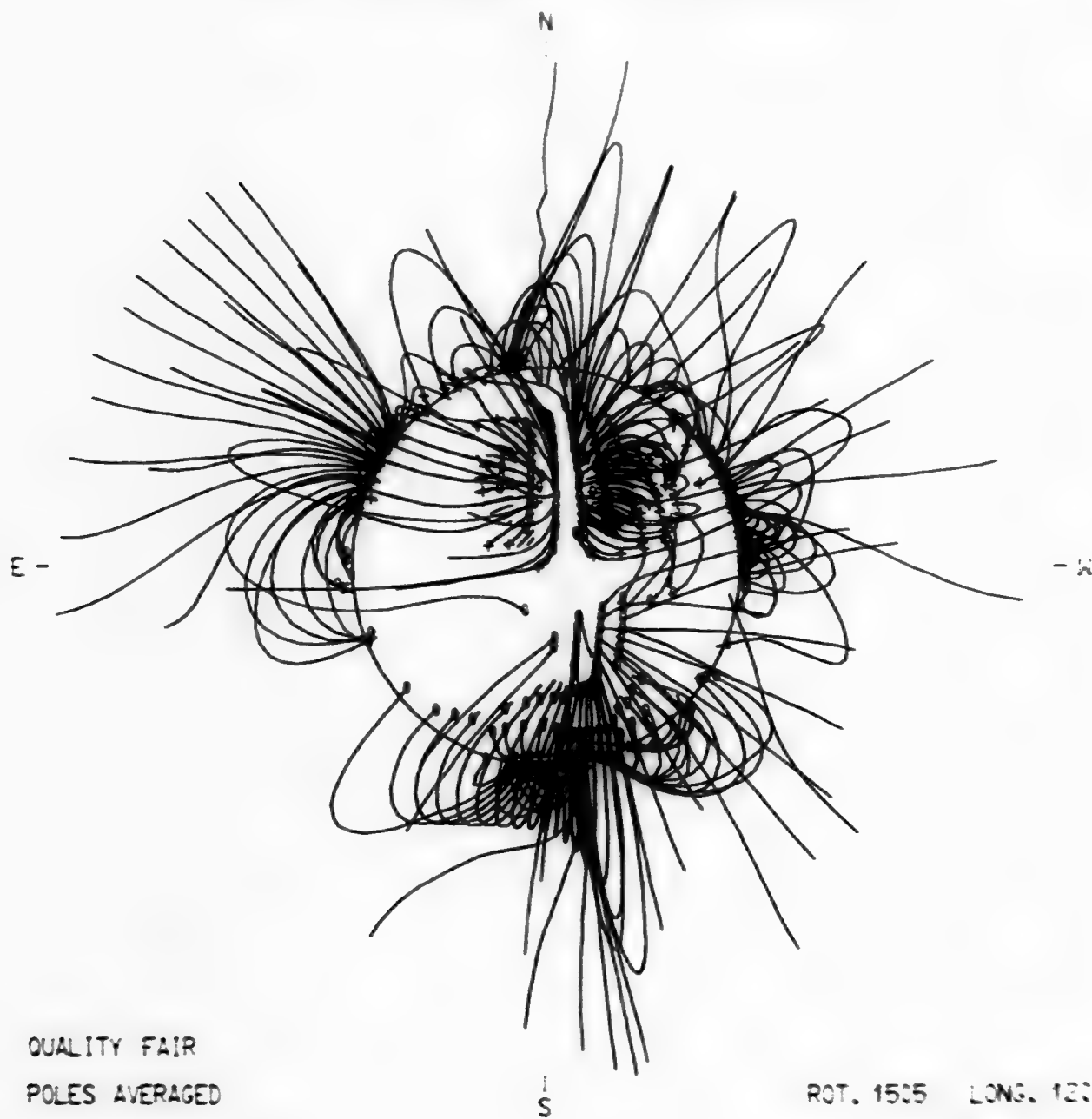


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

1
S

ROT. 1535 LONG. 121°
23.2 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

ROT. 1505 LONG. 120°
23.2 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

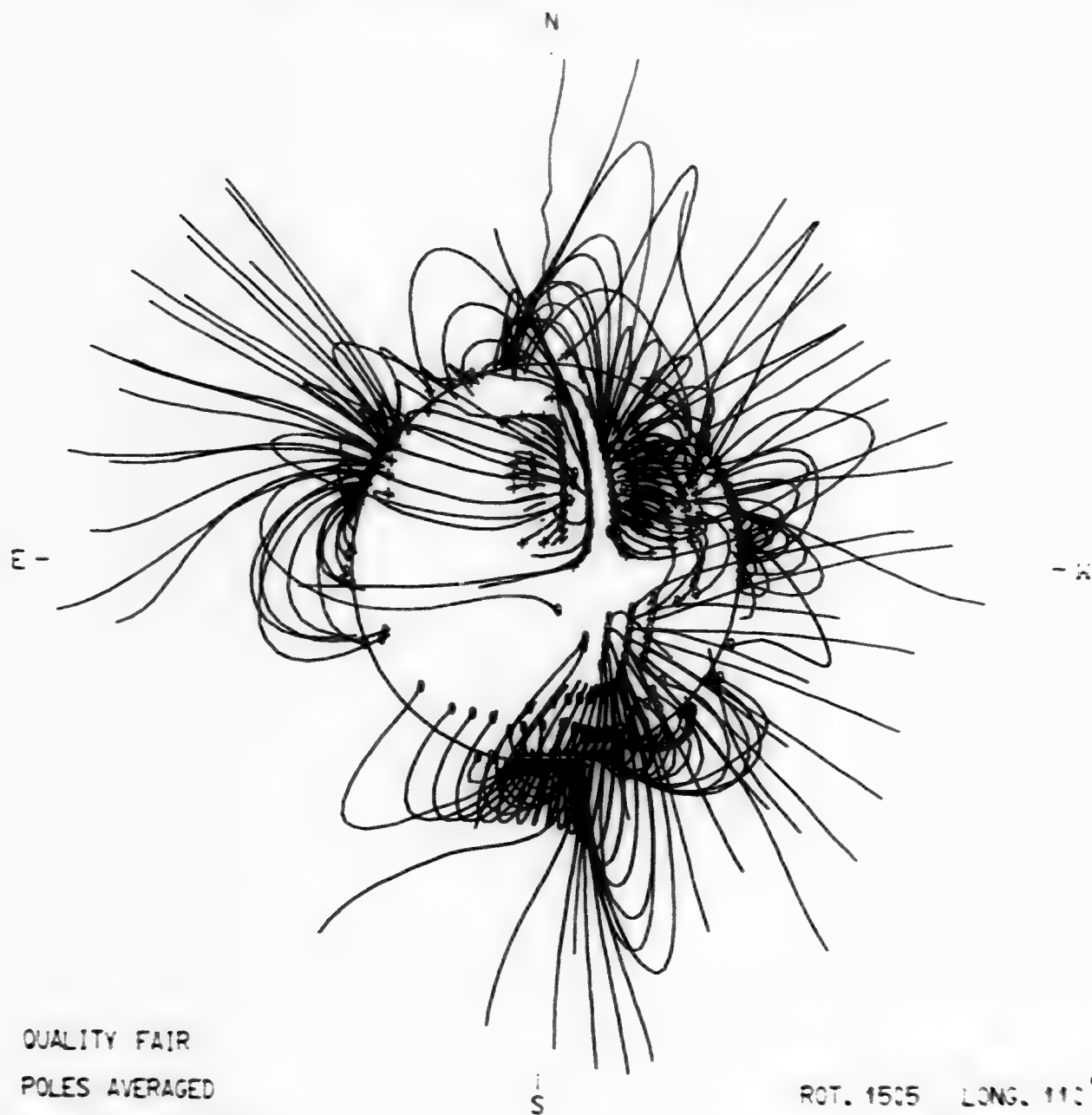


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

i
S

ROT. 1505 LONG. 110°
24.0 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

ROT. 1505 LONG. 110°
24.0 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

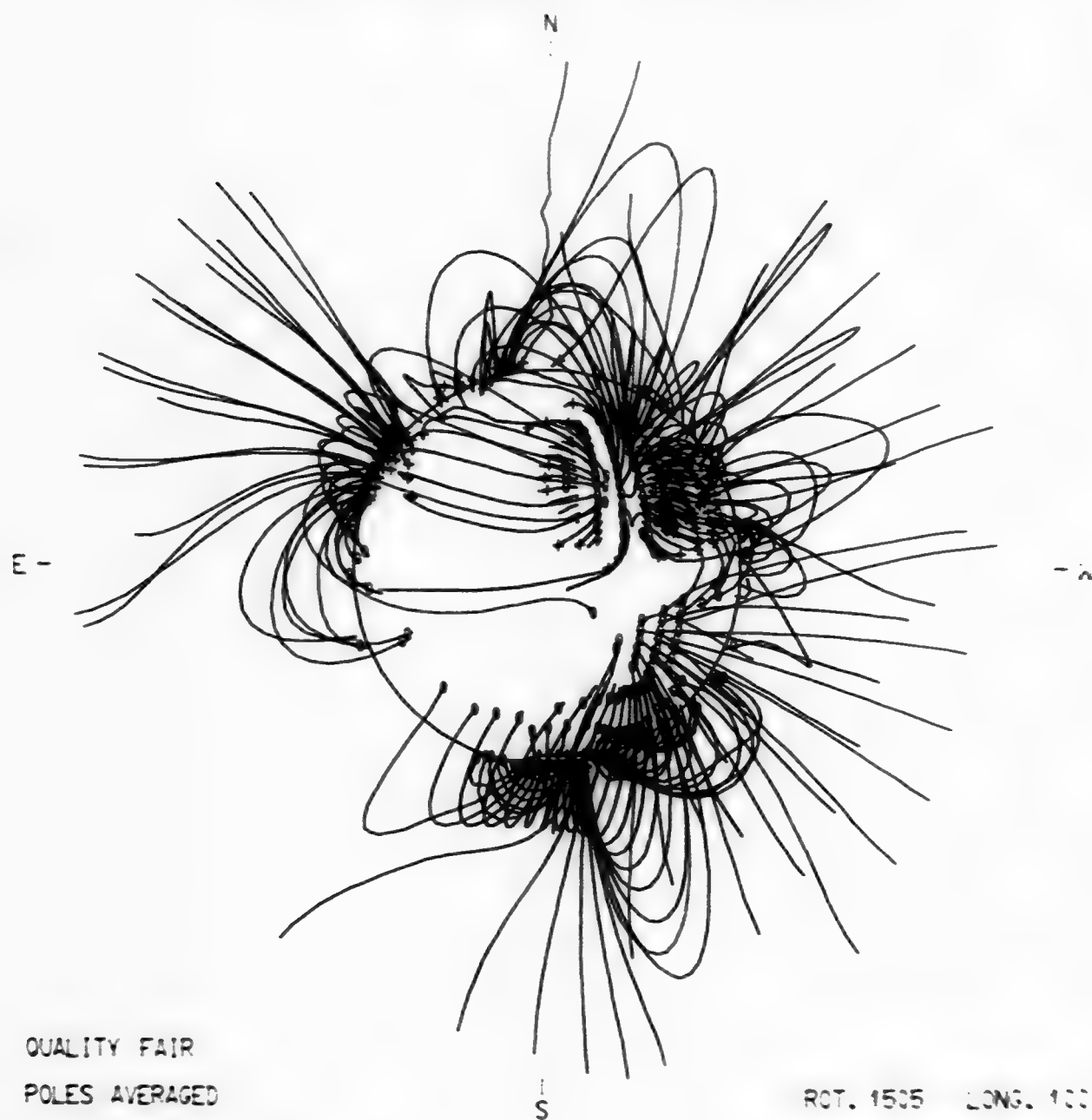


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

I
S

ROT. 1505 LONG. 100°
24.7 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

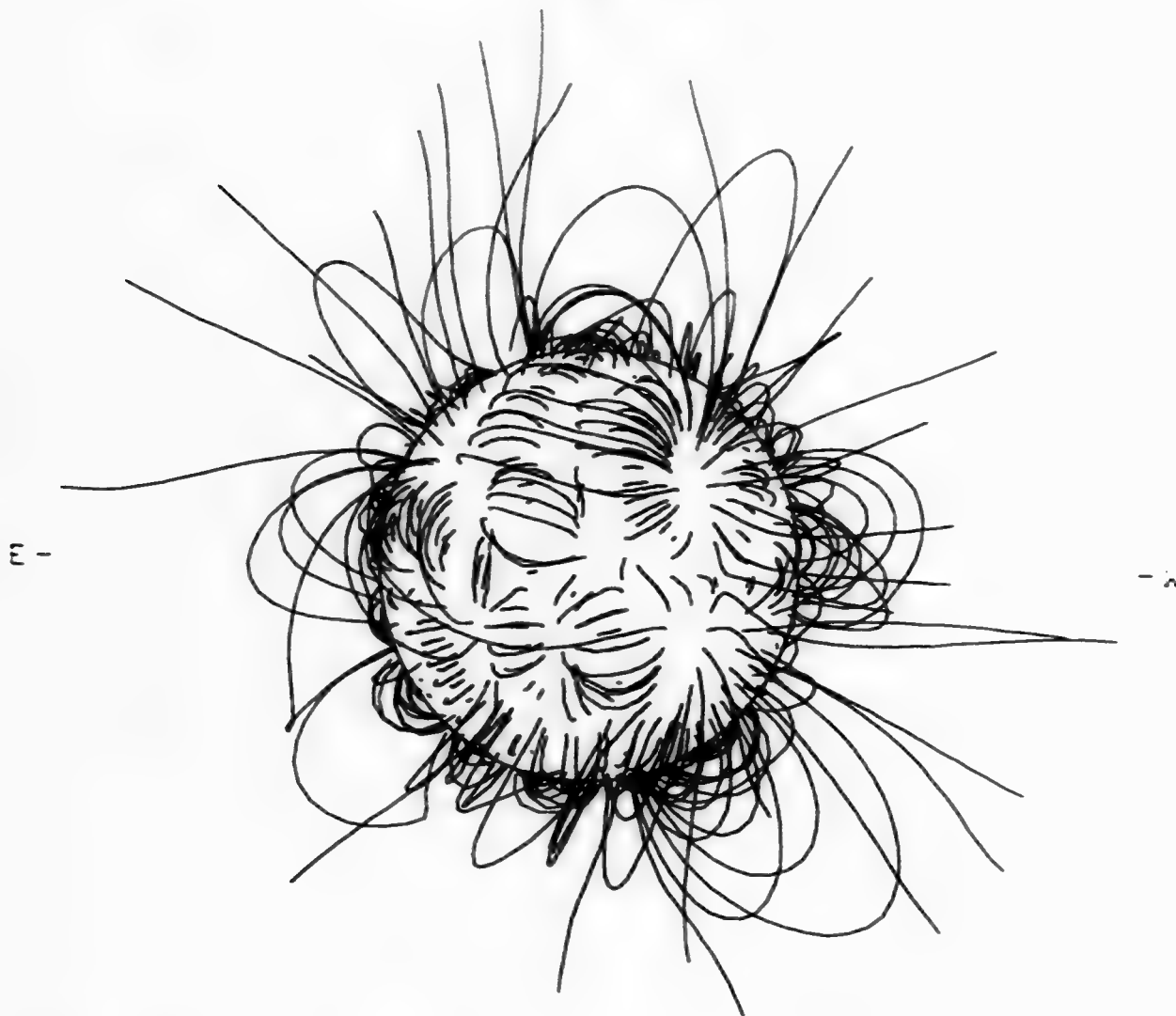
DATA WINDOW 1505.00

ROT. 1505 LONG. 100°

24.7 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

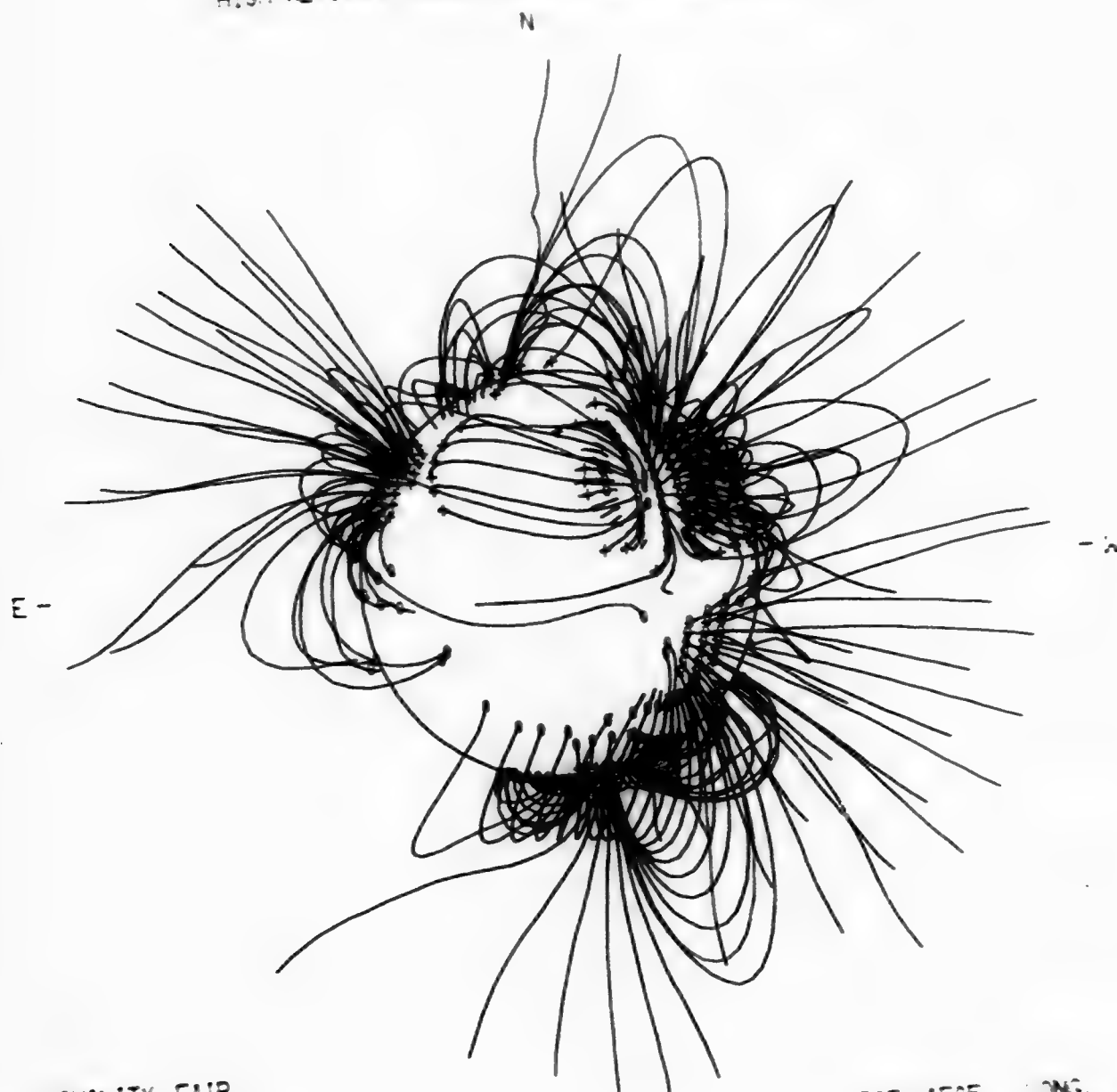
DATA WINDOW 1505.00

S

ROT. 1535 LONG. 90°

25.5 MAR 1966

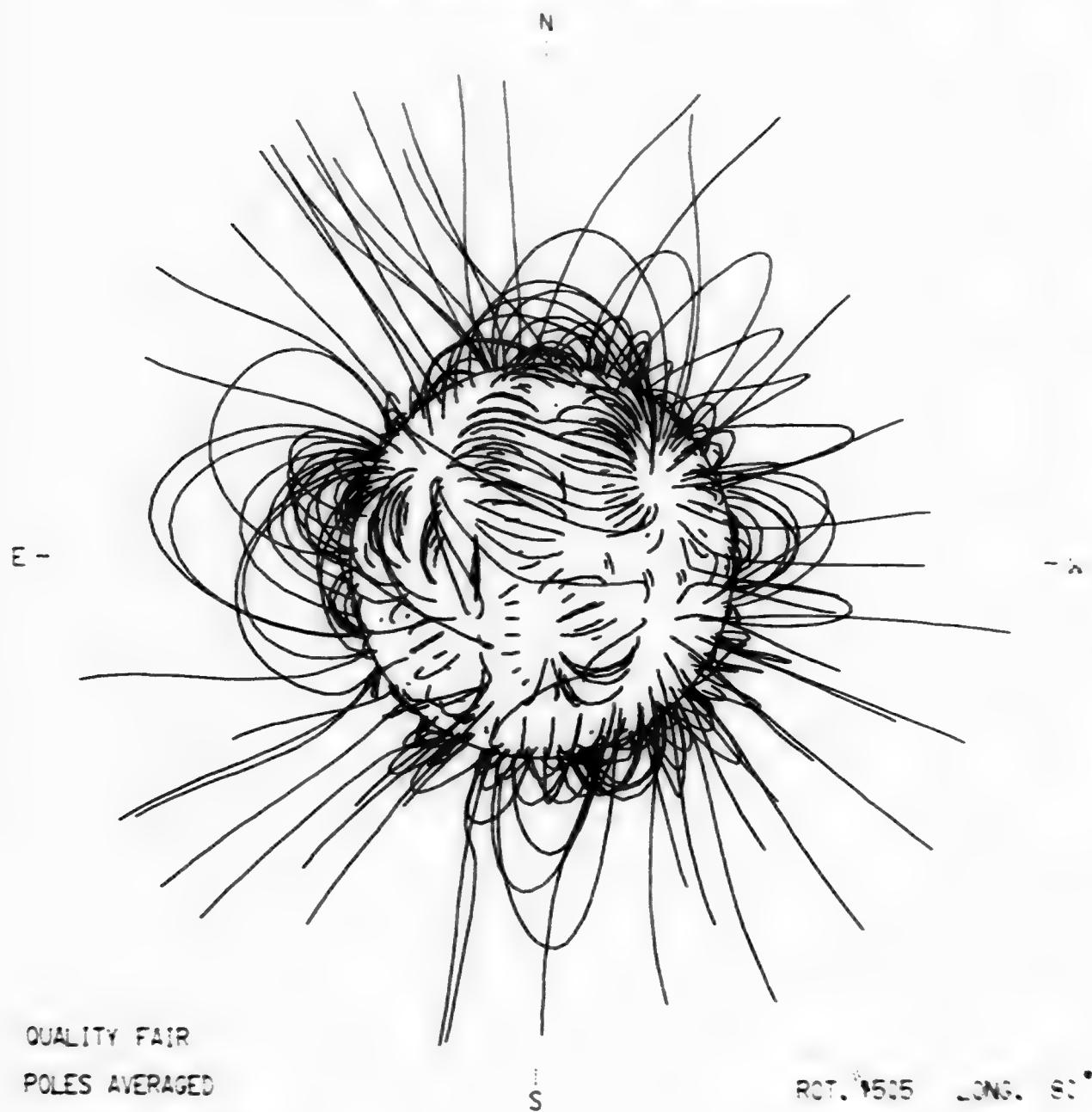
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.00

ROT. 1505 LONG. 90°
25.5 MAR 1966

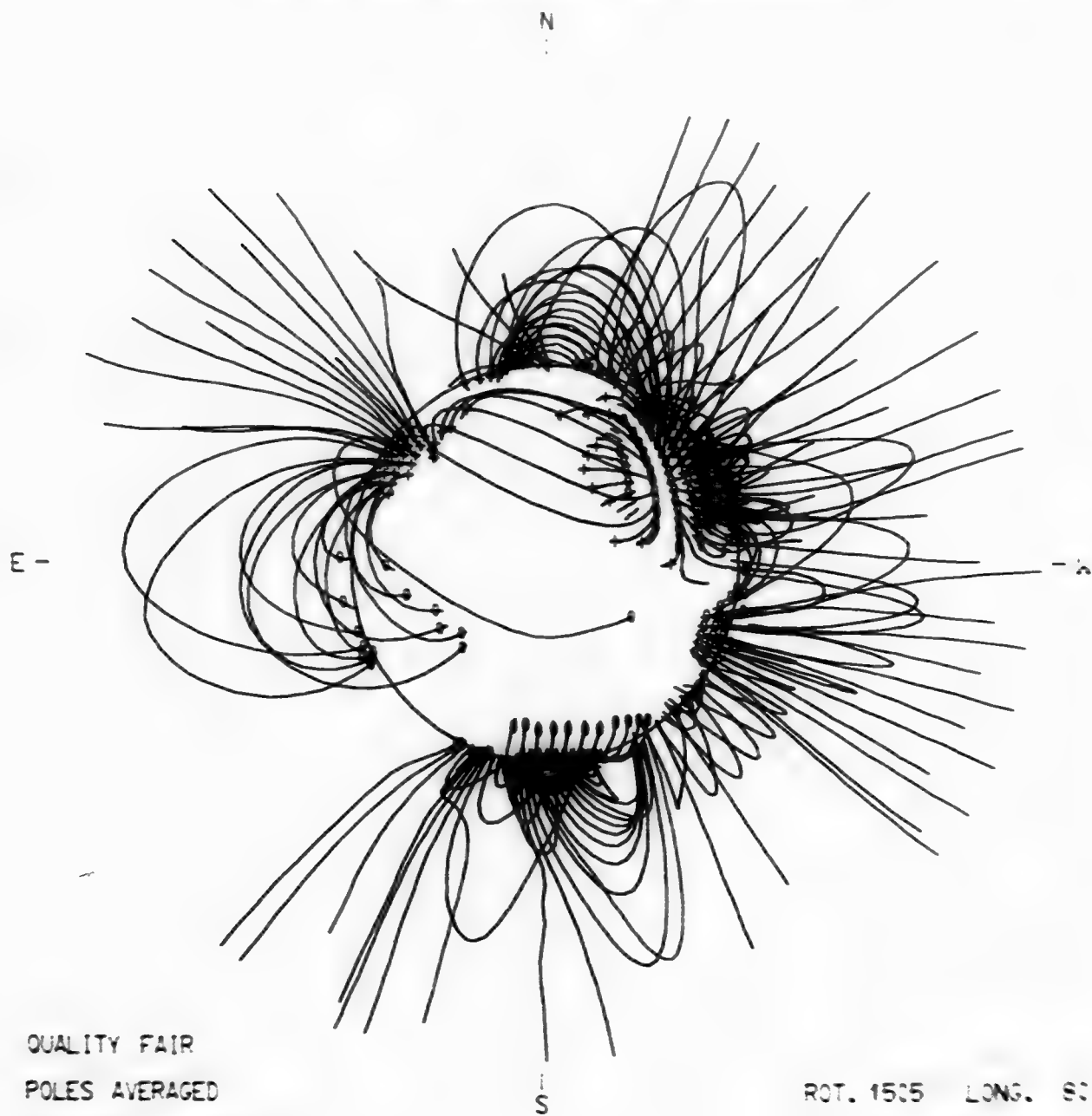
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

ROT. 1505 LONG. 81°
26.3 MAR 1966

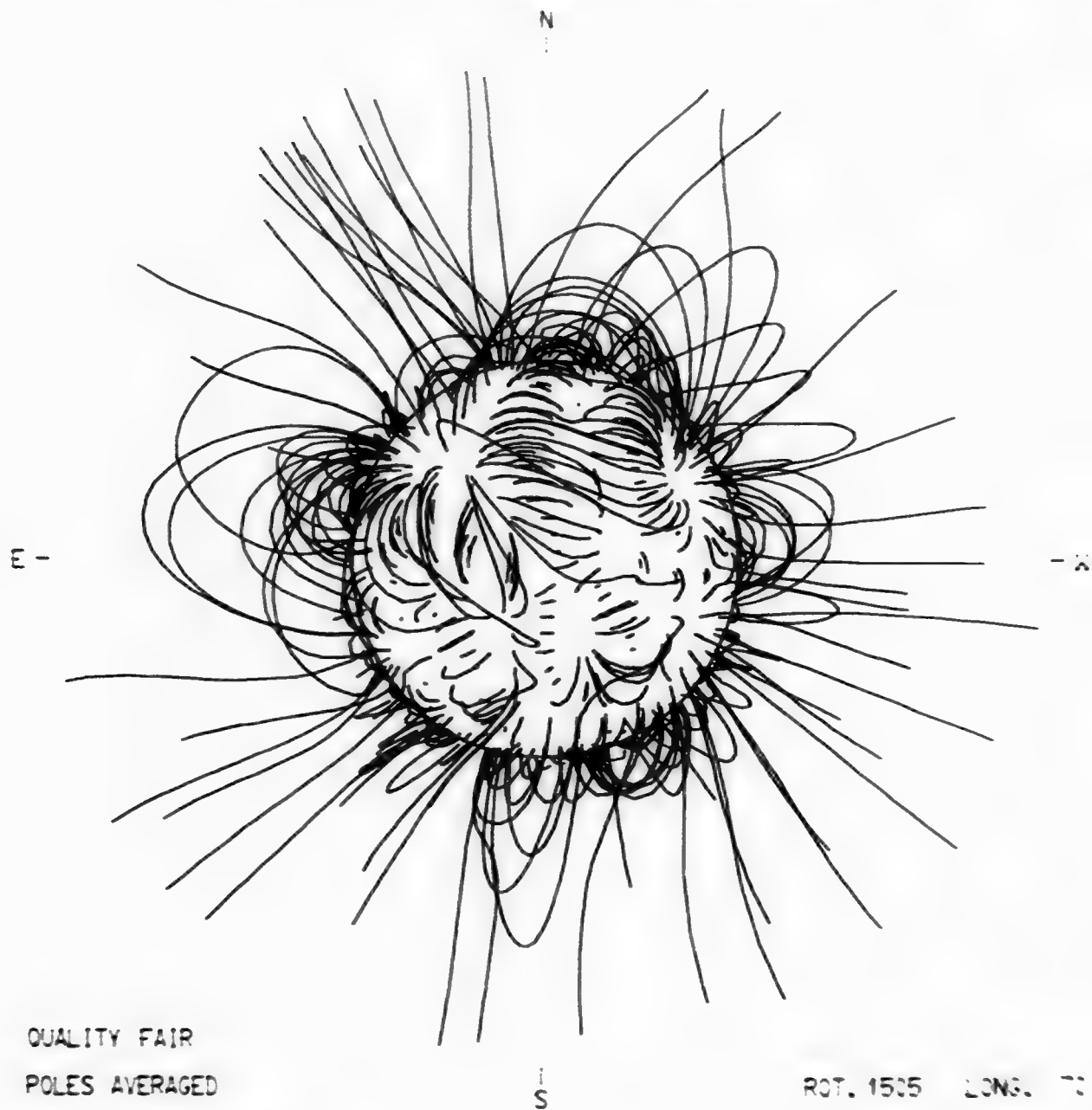
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

ROT. 1505 LONG. 80°
26.3 MAR 1966

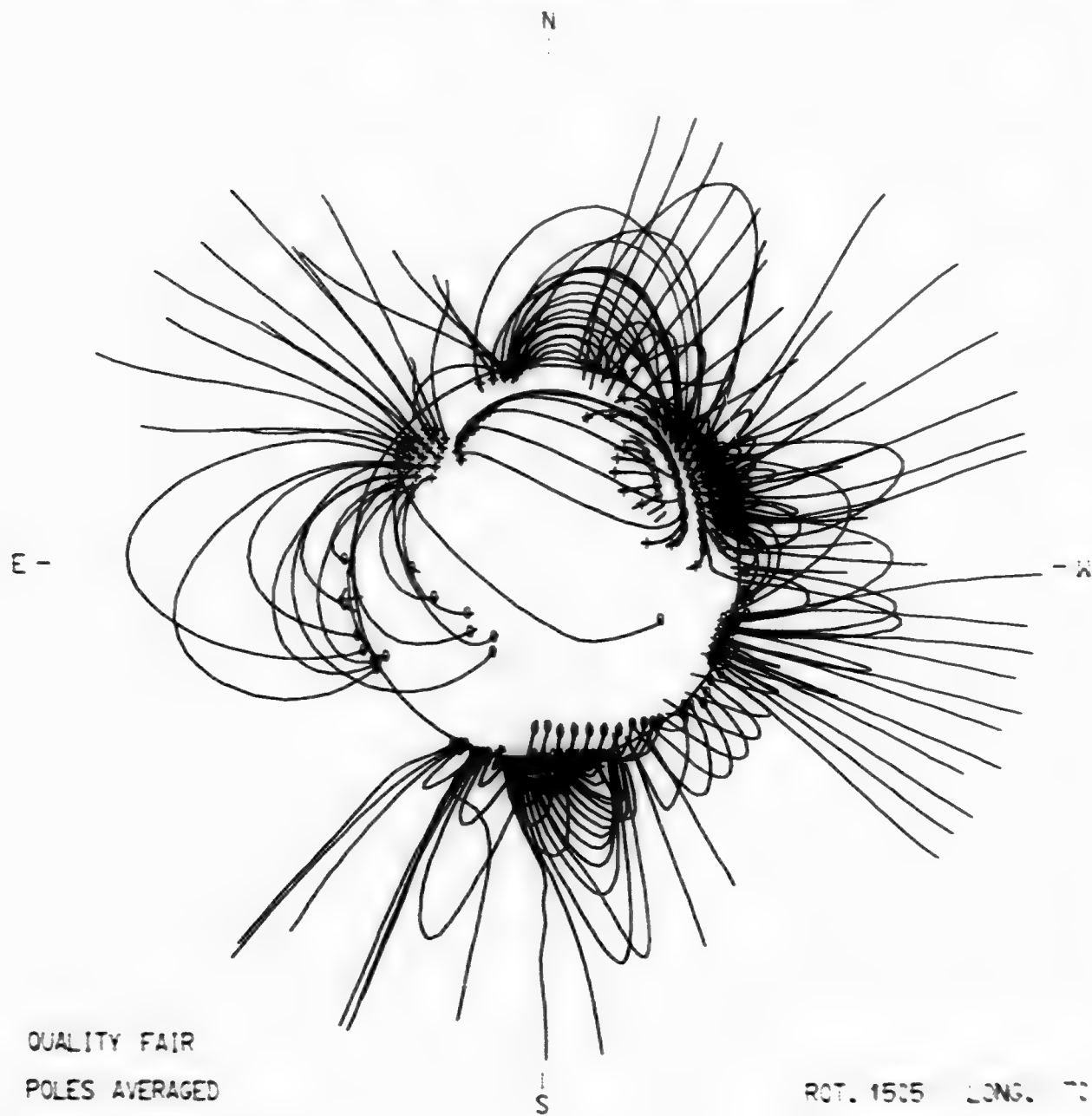
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

ROT. 1505 LONG. 71°
27.0 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

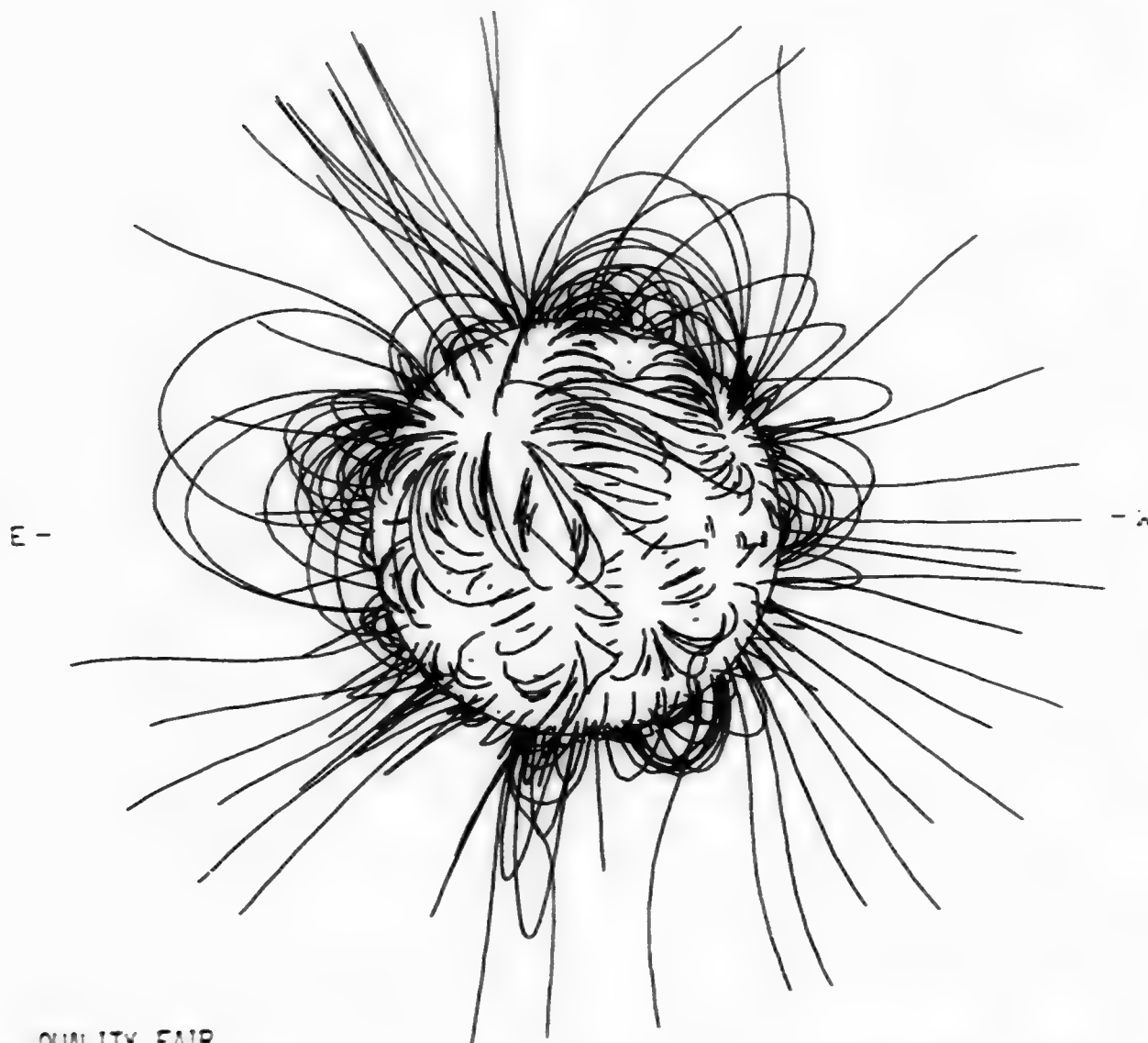


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

ROT. 1505 LONG. 70°
27.0 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

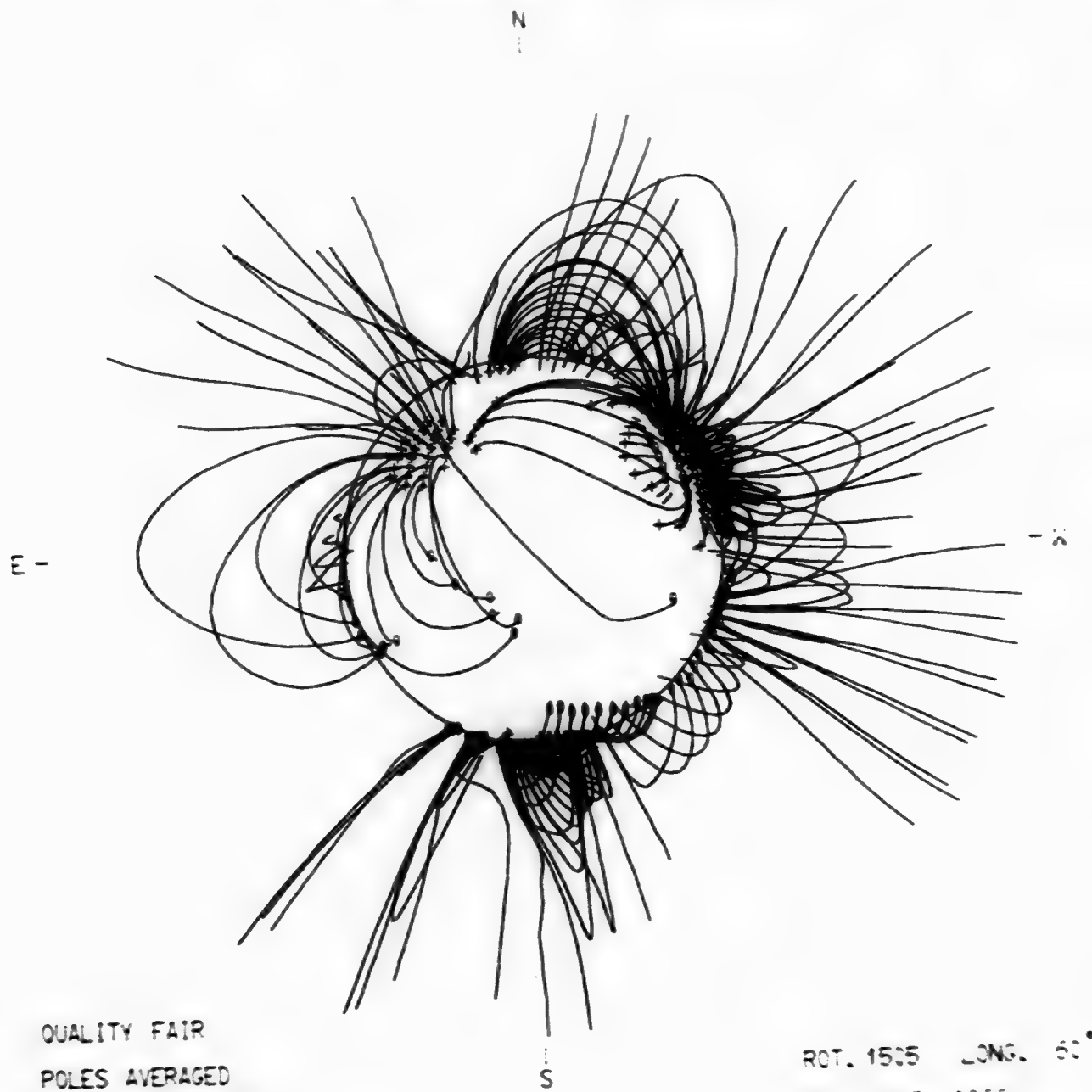


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

S

ROT. 1505 LONG. 60°
27.8 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

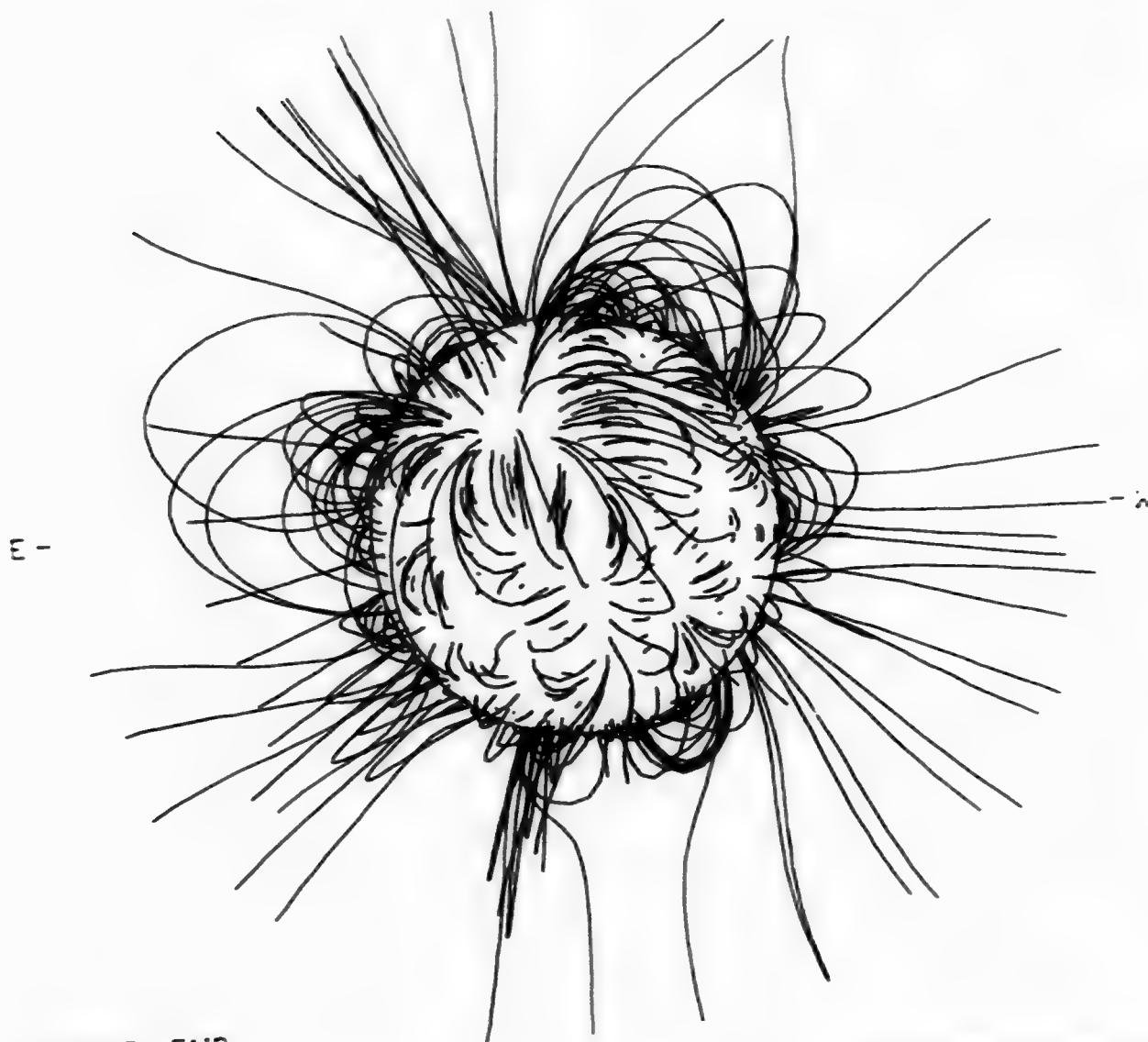


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

ROT. 1505 LONG. 60°
27.8 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



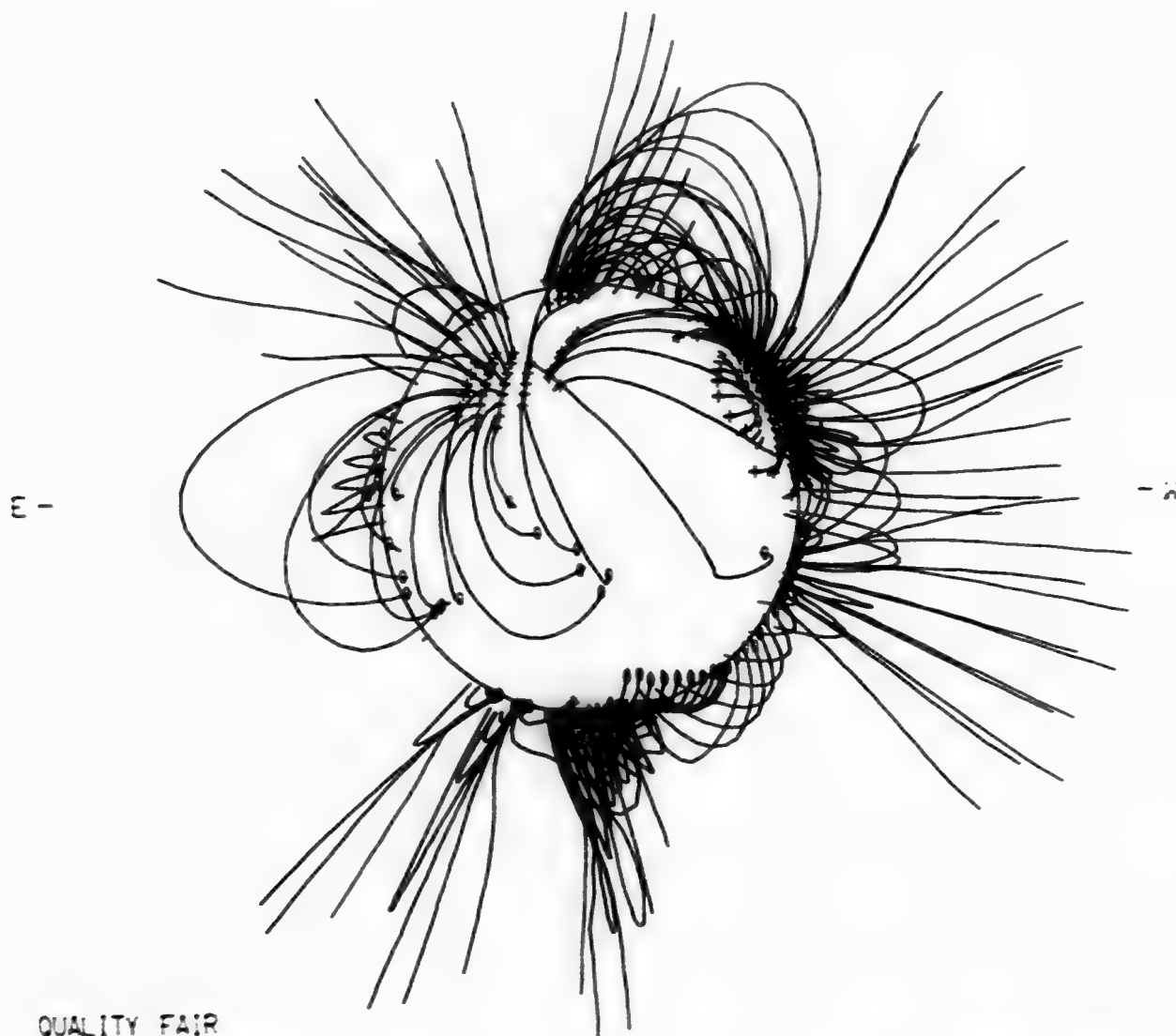
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

S

ROT. 1505 LONG. 50°
28.5 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

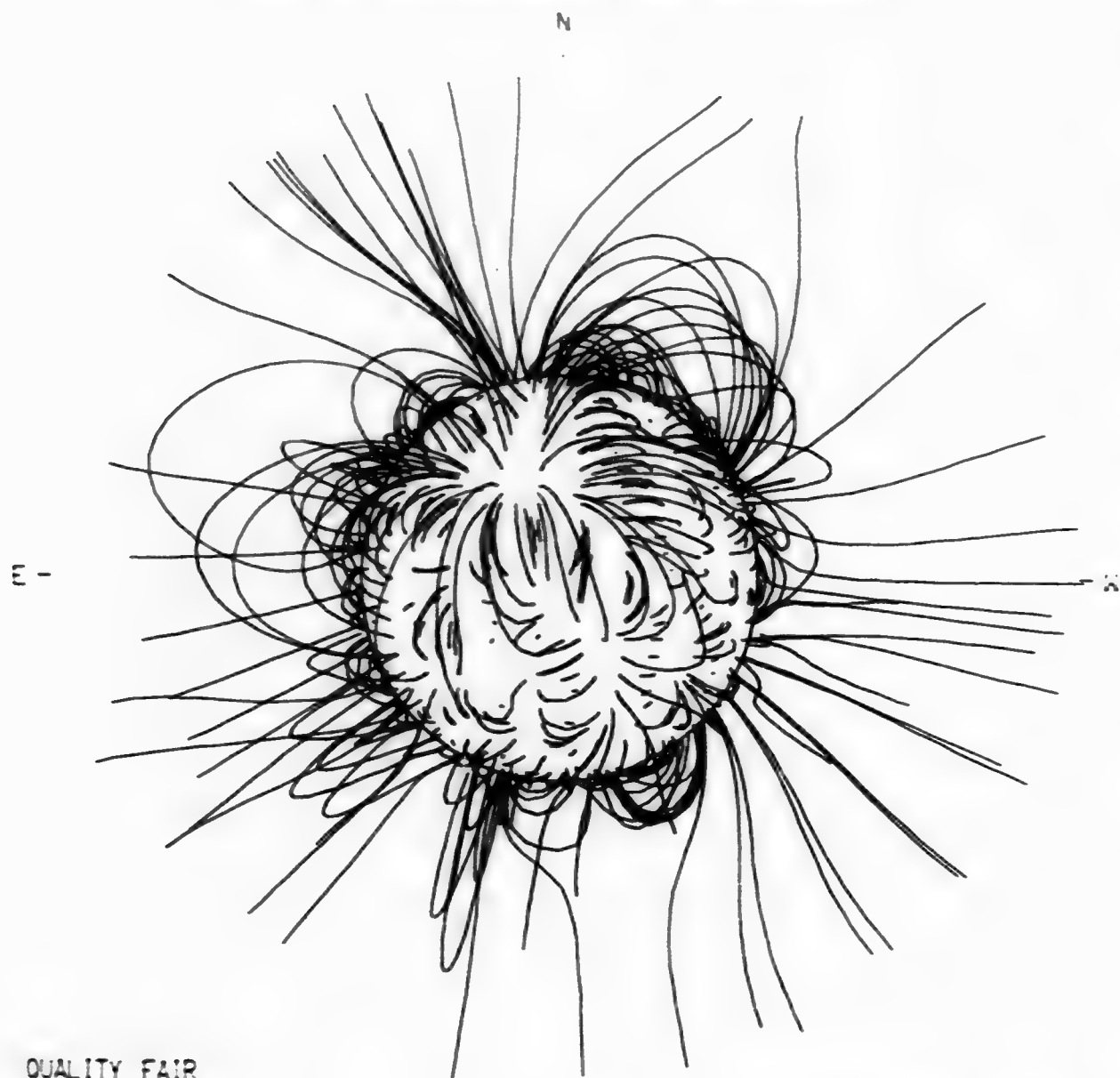


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

S

ROT. 1505 LONG. 50°
28.5 MAR 1966

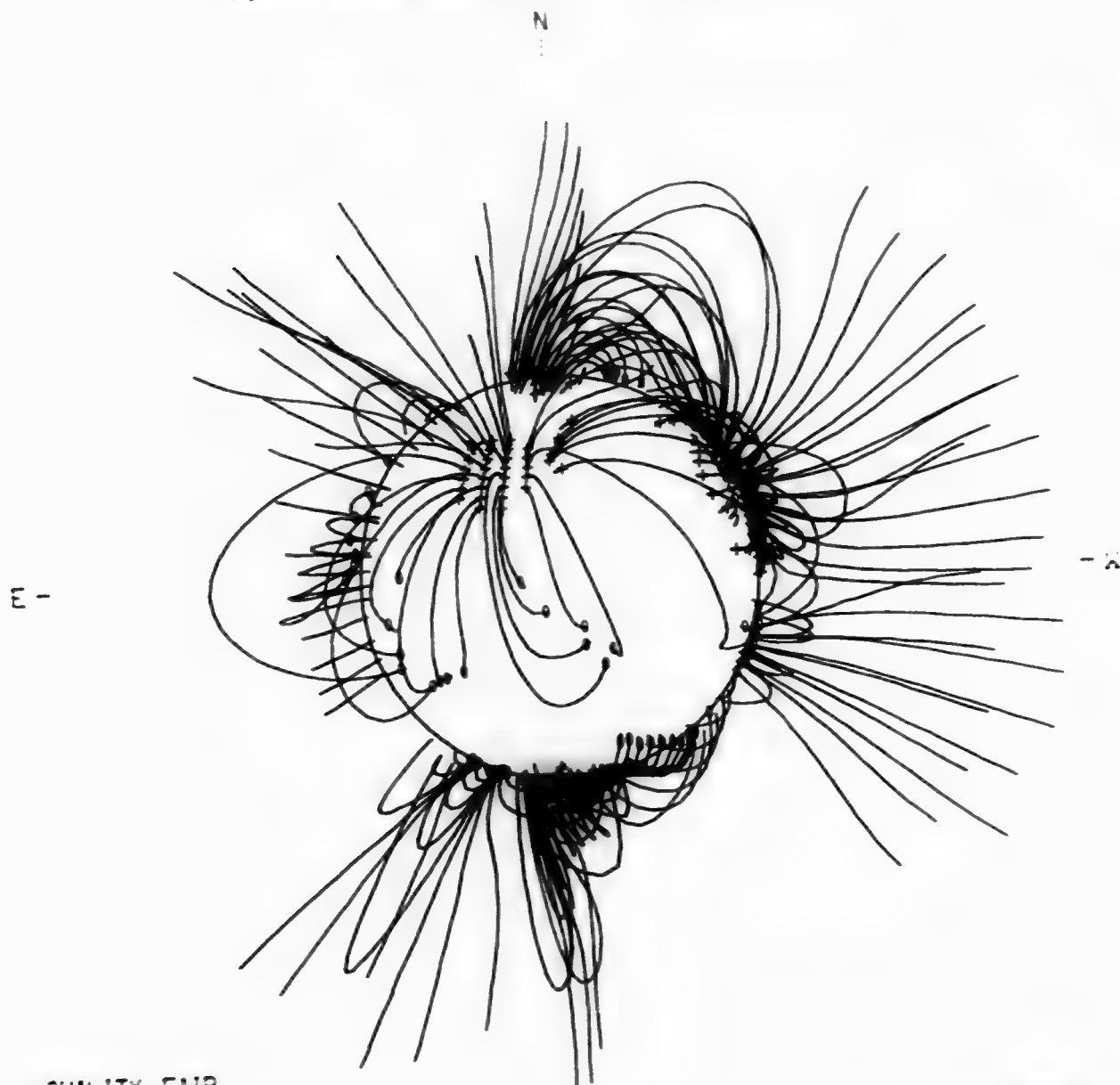
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

ROT. 1505 LONG. 41°
29.3 MAR 1966

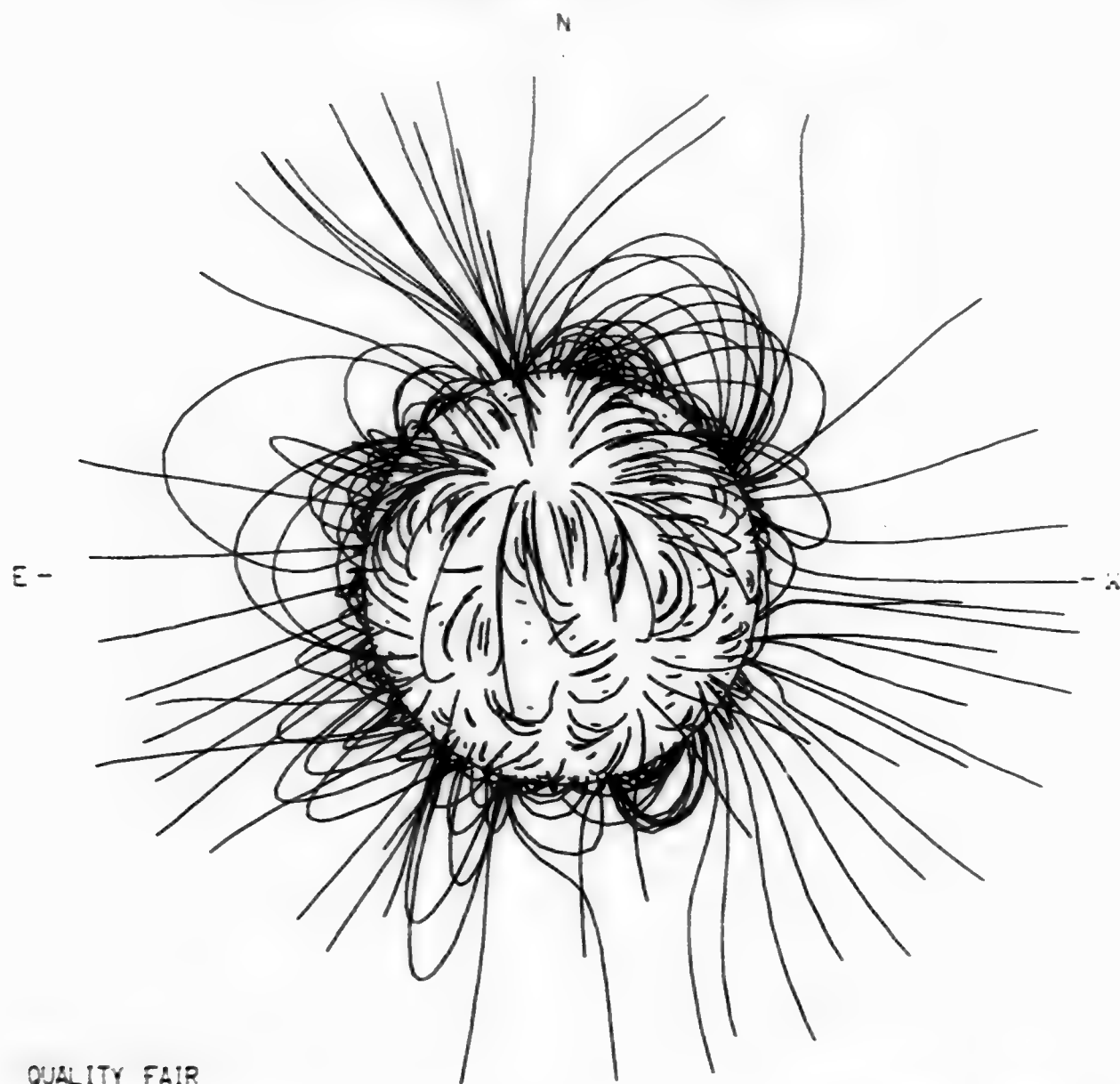
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

ROT. 1505 LONG. 20°
29.3 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

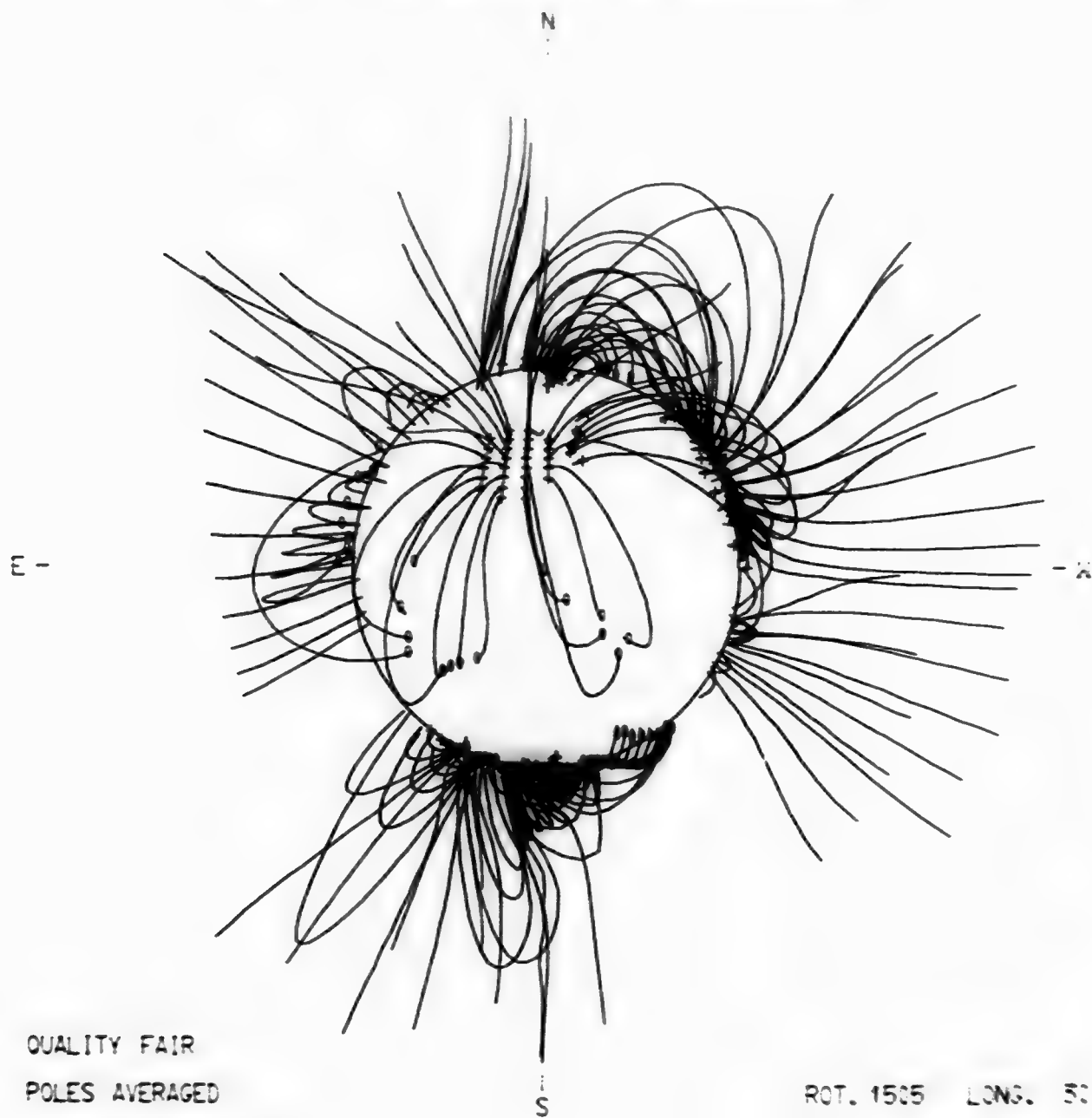


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

S

ROT. 1535 LONG. 32°
30.1 MAR 1966

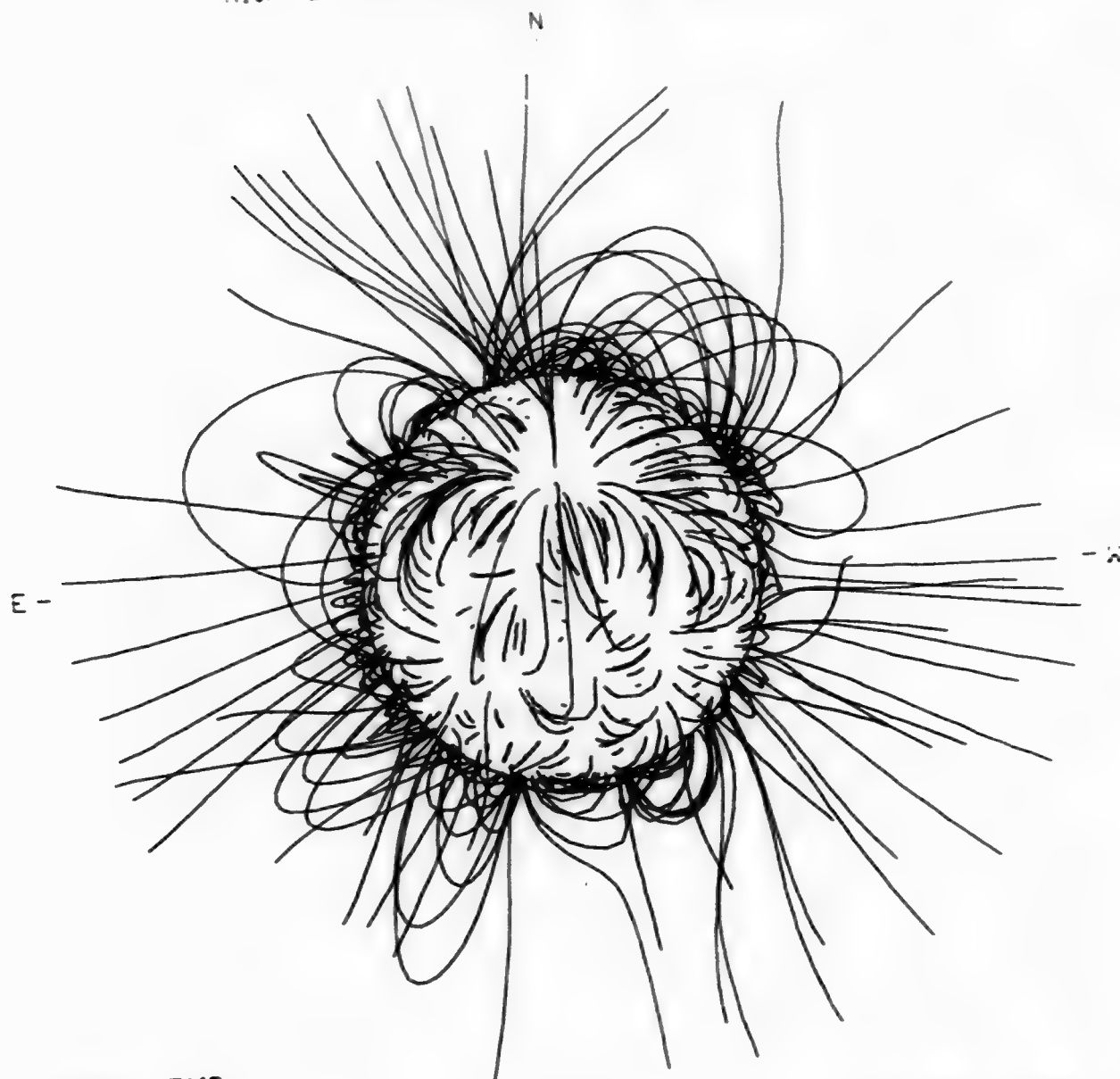
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

ROT. 1505 LONG. 32°
30.1 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

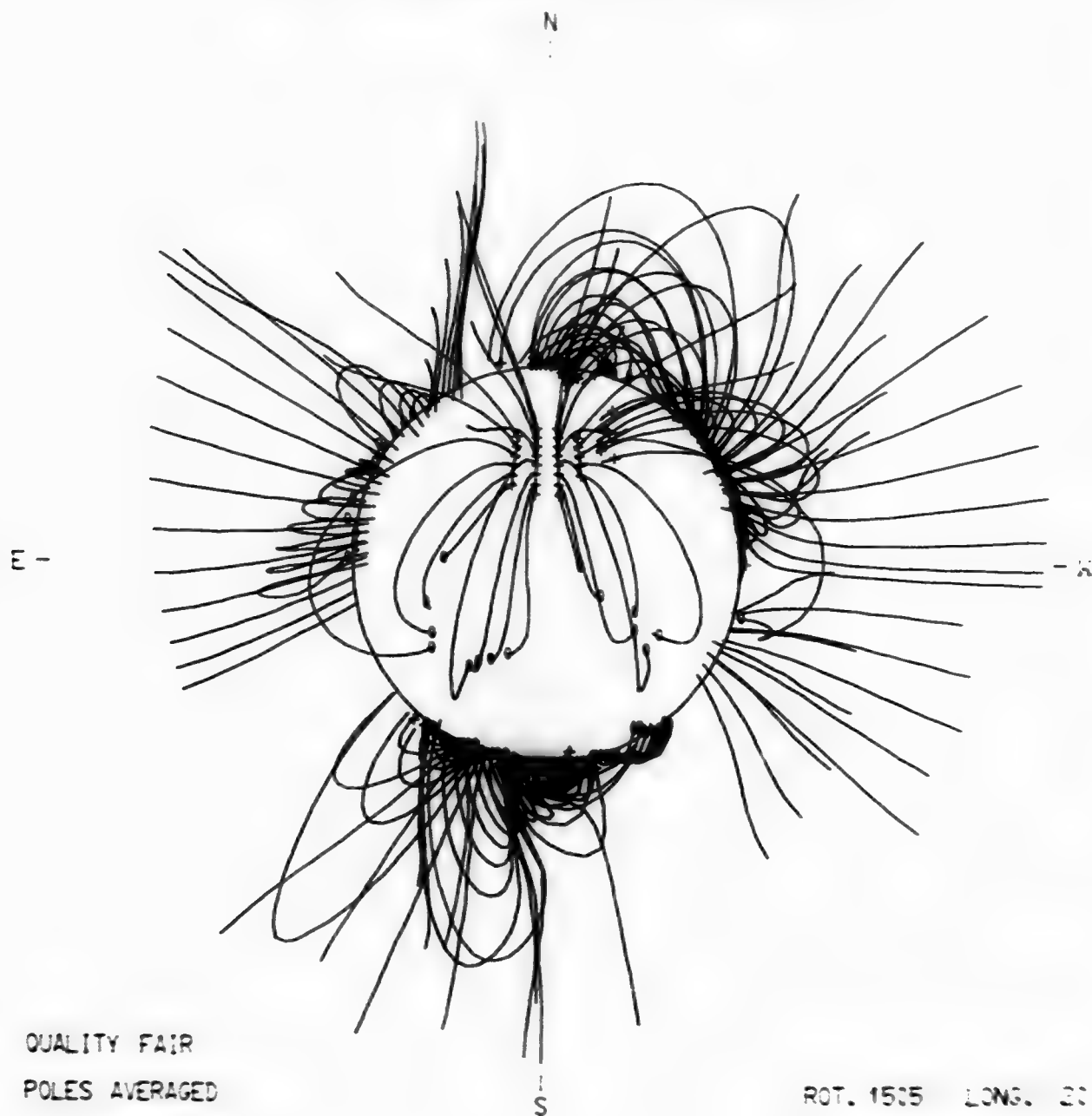


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

S

ROT. 1535 LONG. 20°
30.8 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

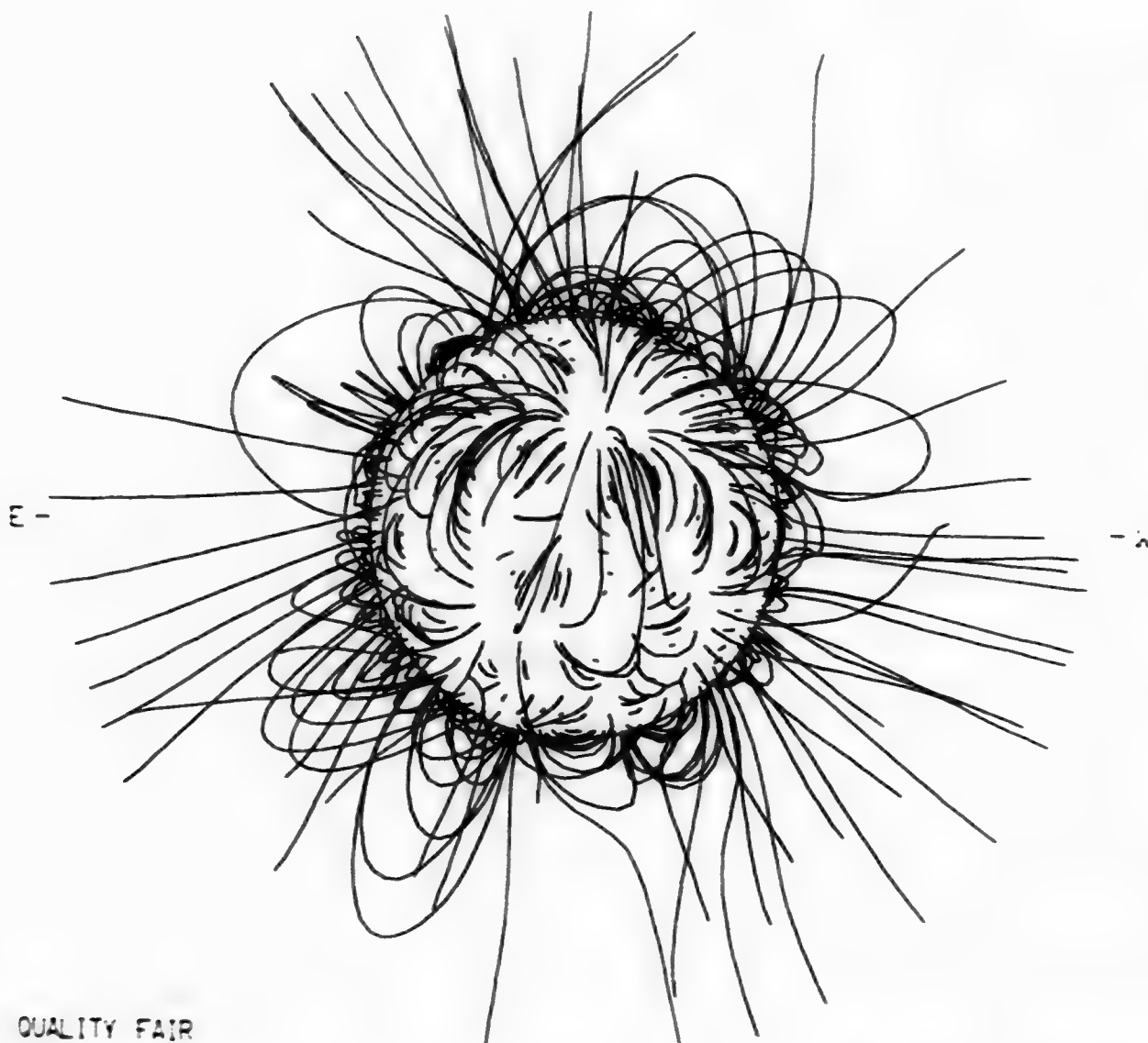


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

ROT. 1505 LONG. 20°
30.8 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1505.47

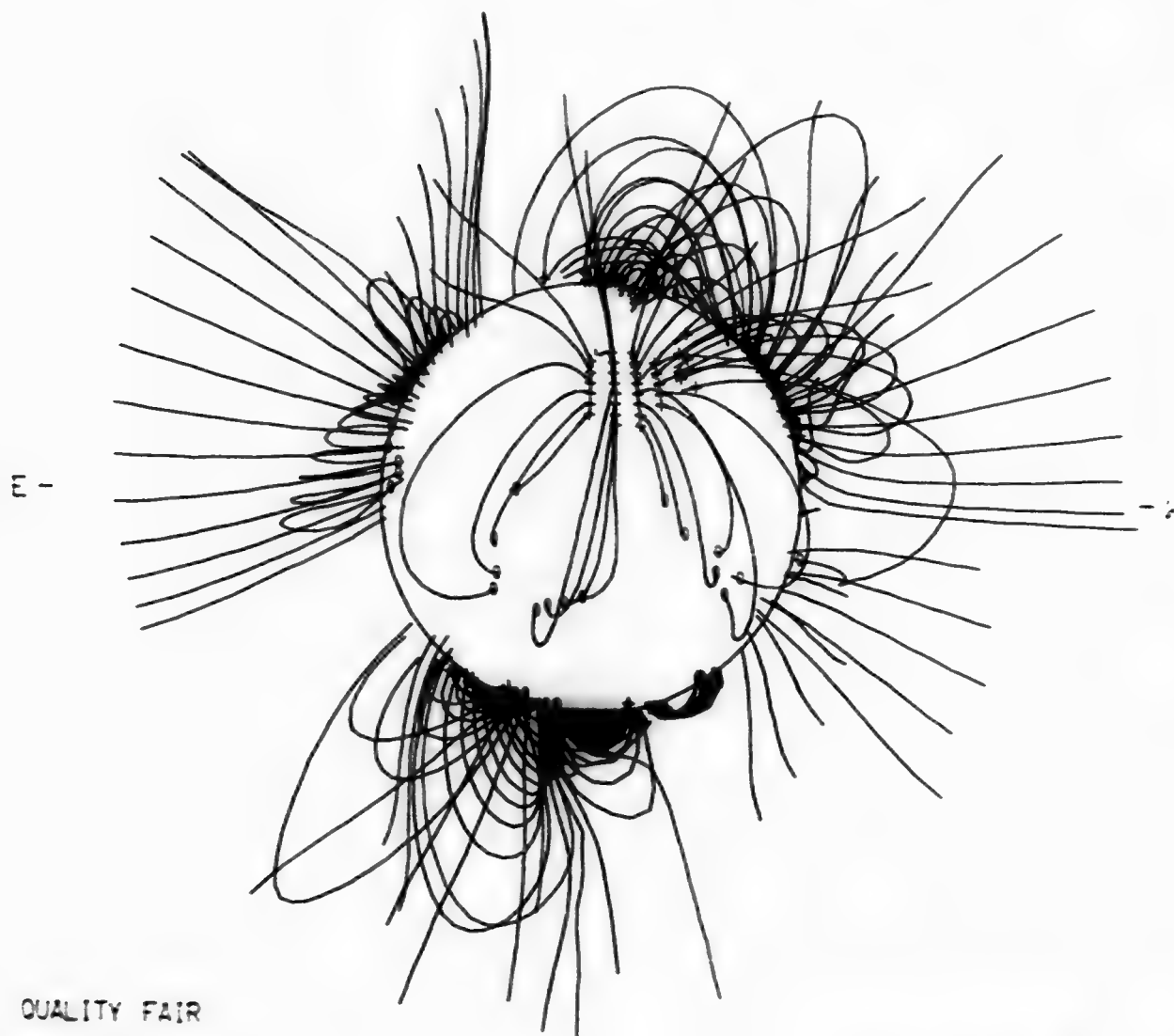
S

ROT. 1505 LONG. 10°

31.6 MAR 1986

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

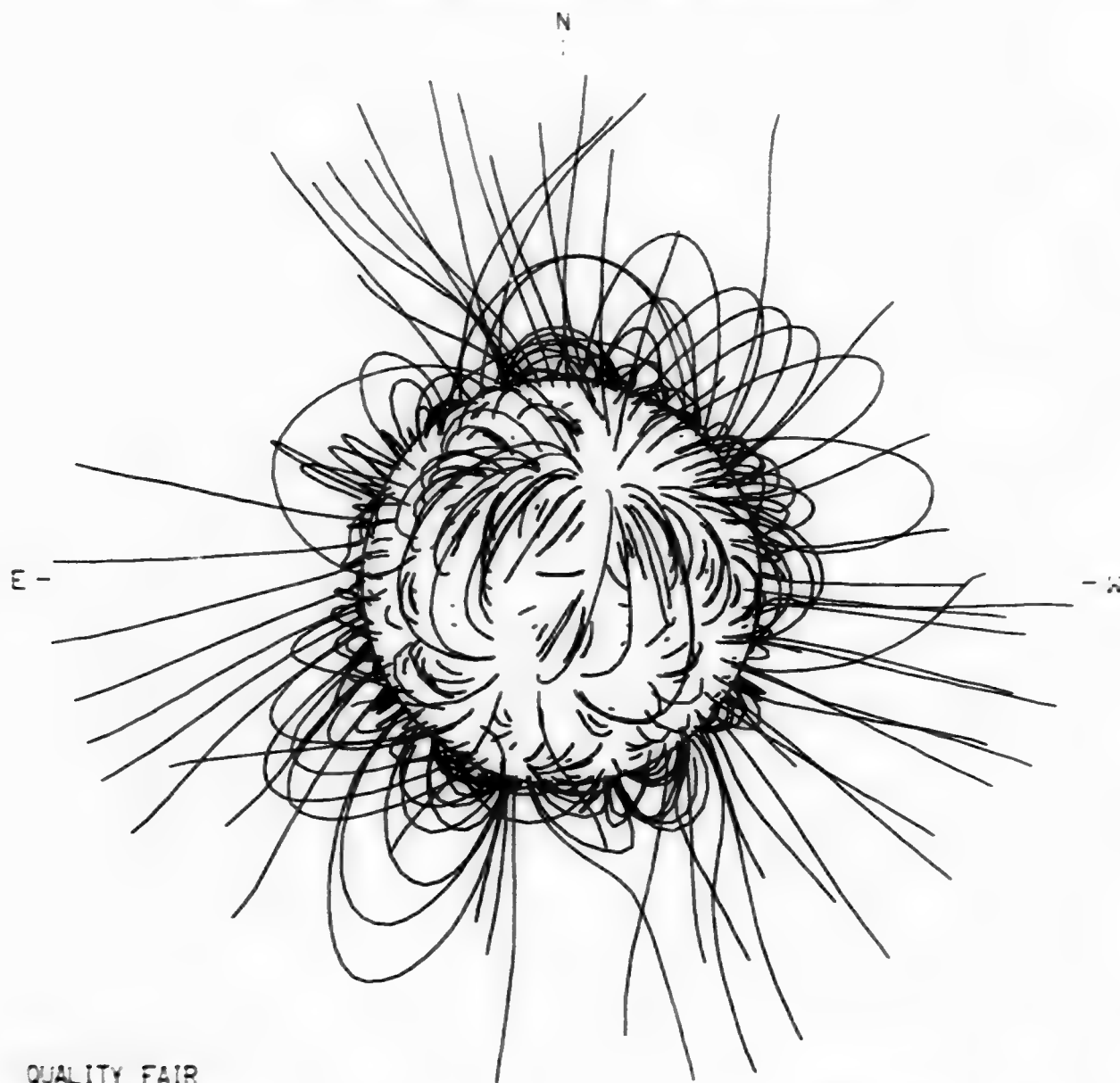


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

S

ROT. 1505 LONG. 10°
31.6 MAR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



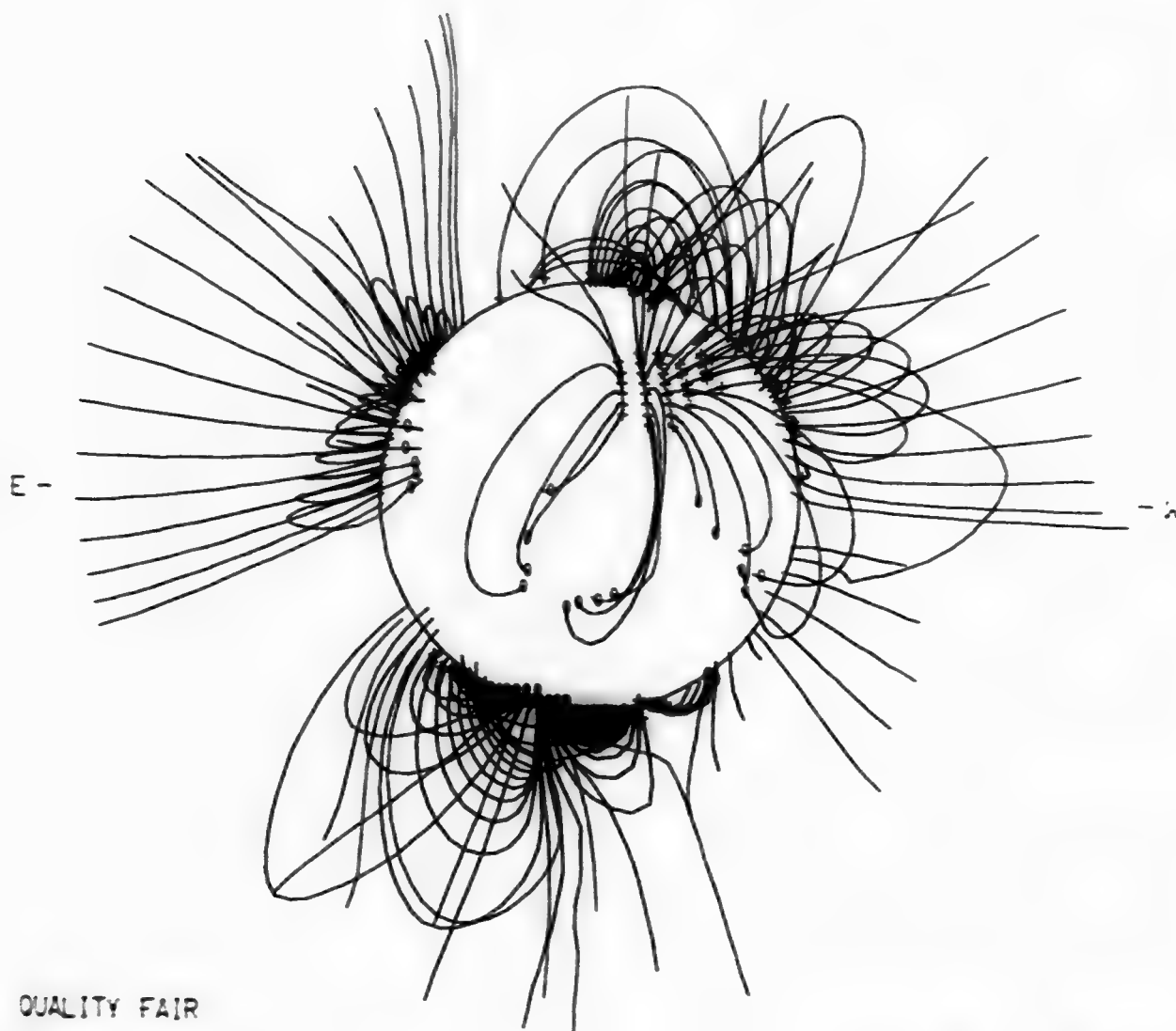
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

S

ROT. 1505 LONG. 3°
1.3 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1505.47

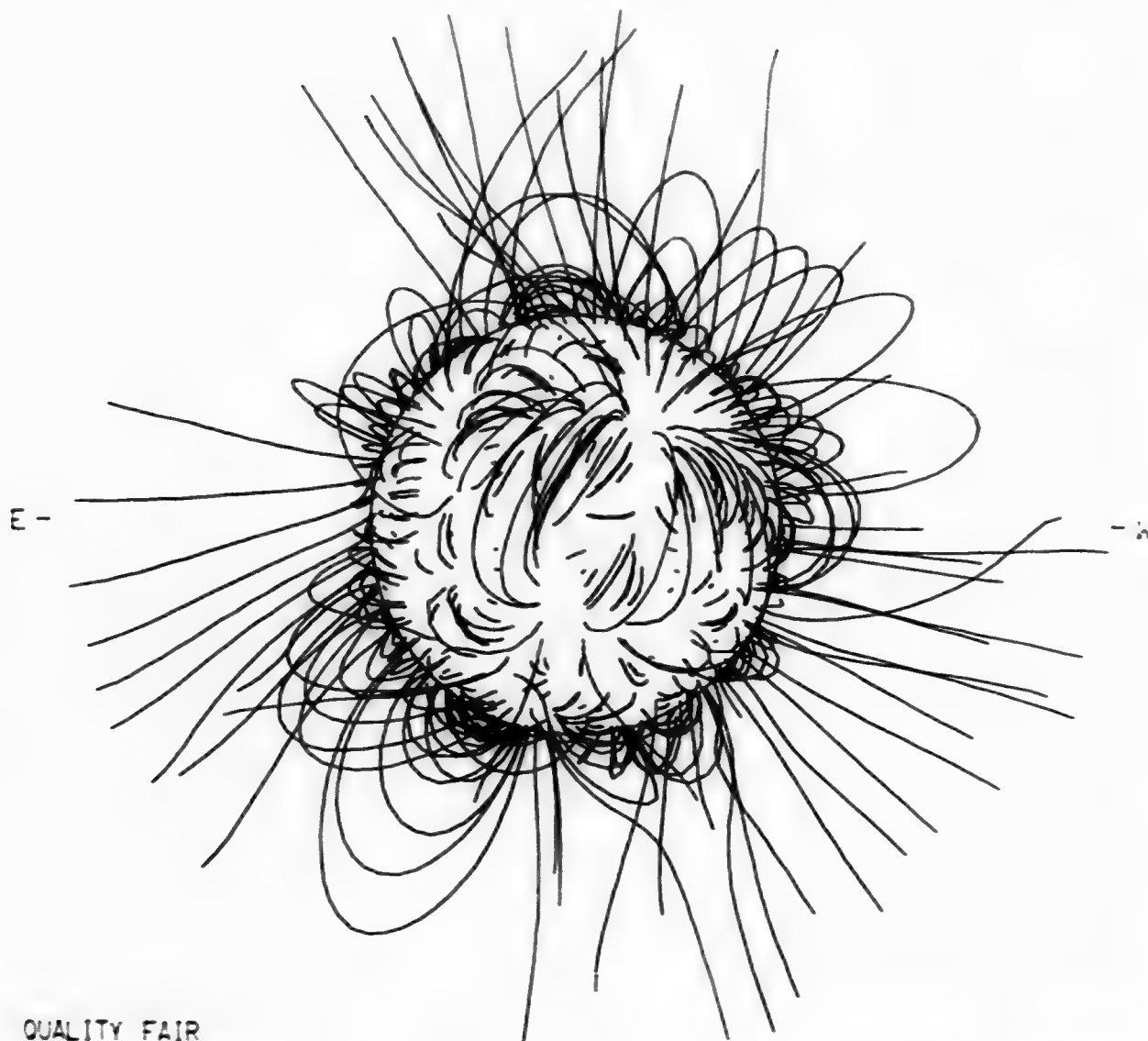
S

ROT. 1505 LONG. 0°

1.3 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

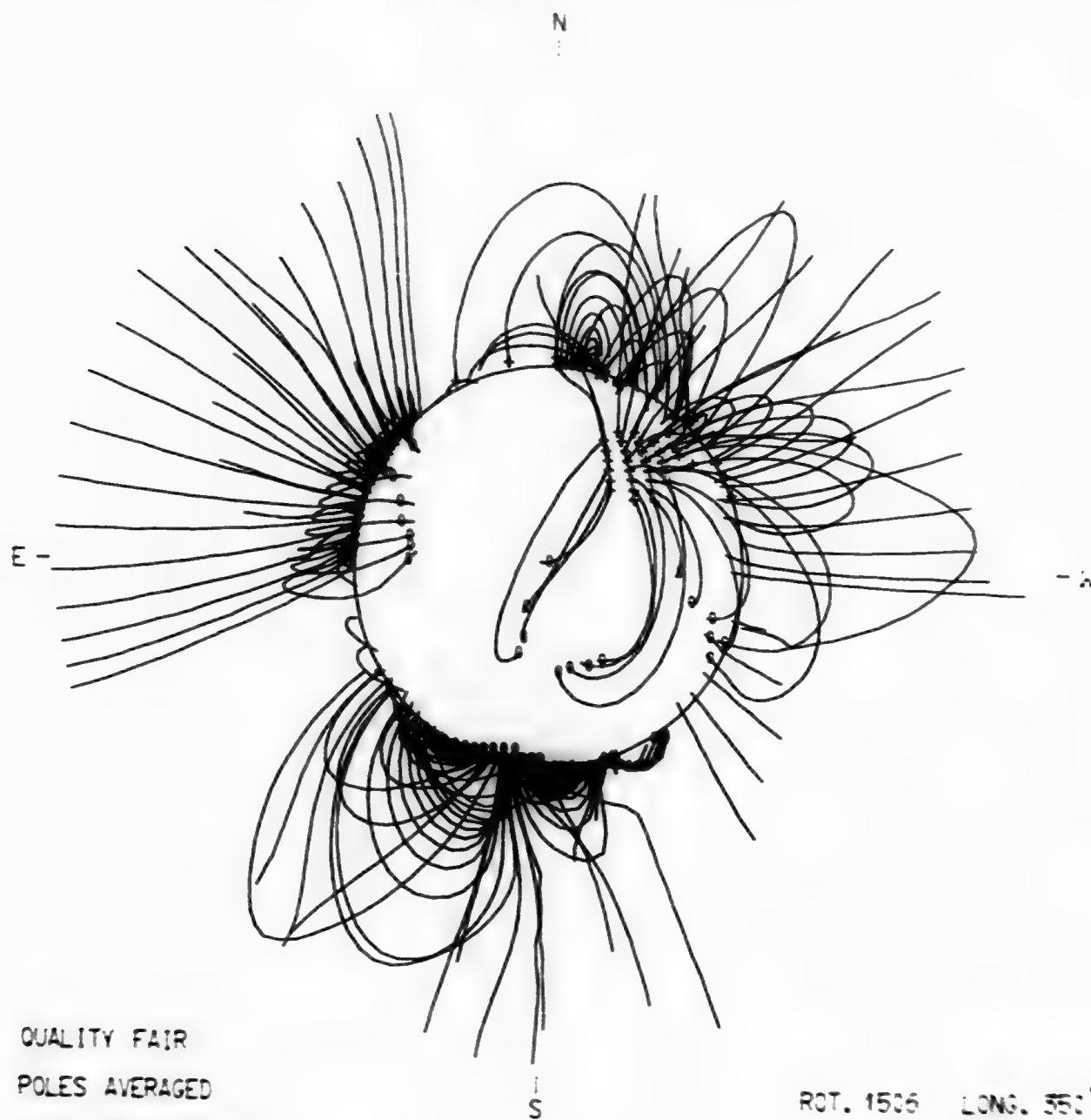
DATA WINDOW 1505.47

S

ROT. 1506 LONG. 350°

2.1 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

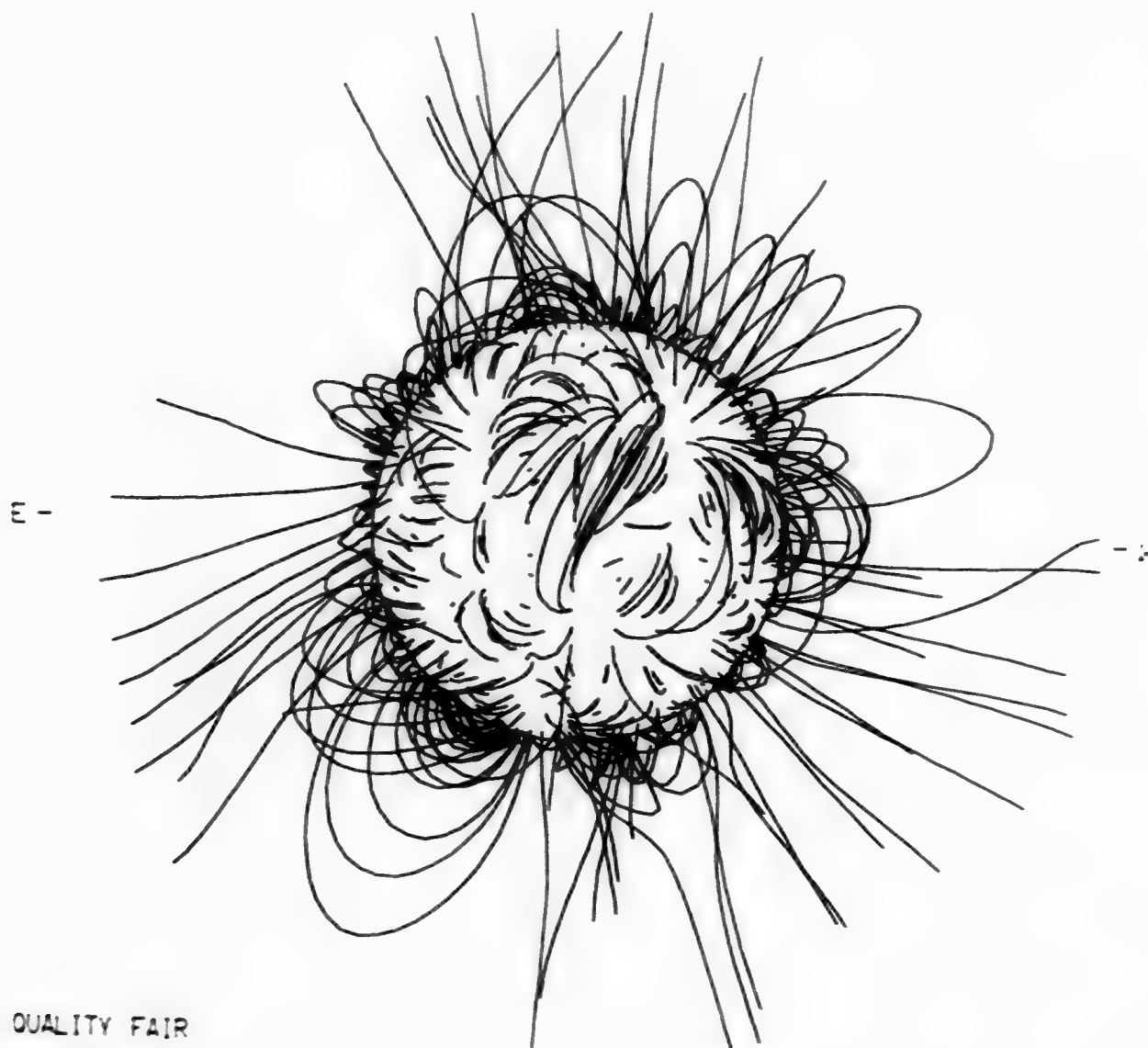
DATA WINDOW 1505.47

ROT. 1506 LONG. 55°

2.1 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

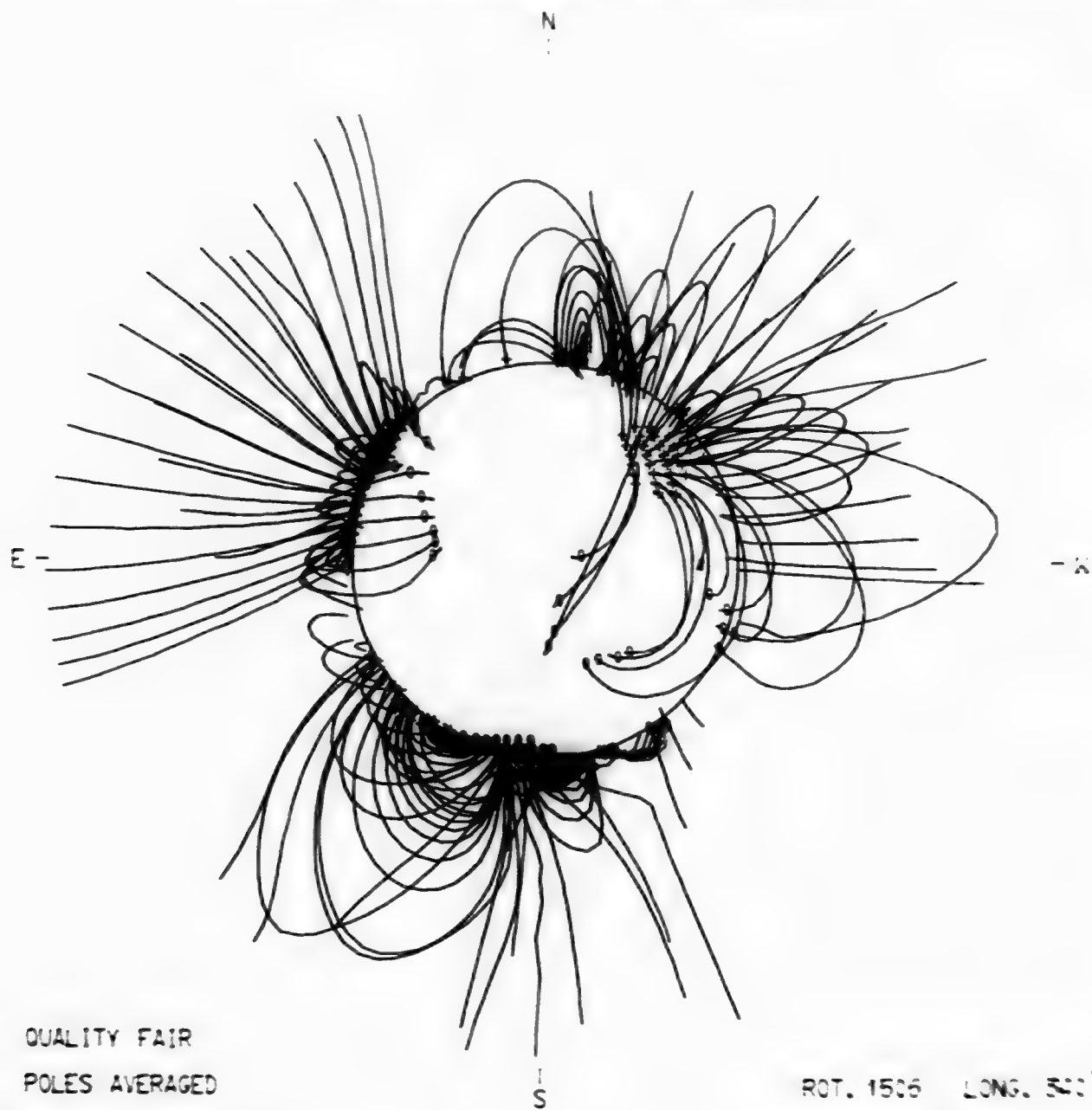


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

S

ROT. 1506 LONG. 300°
2.8 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

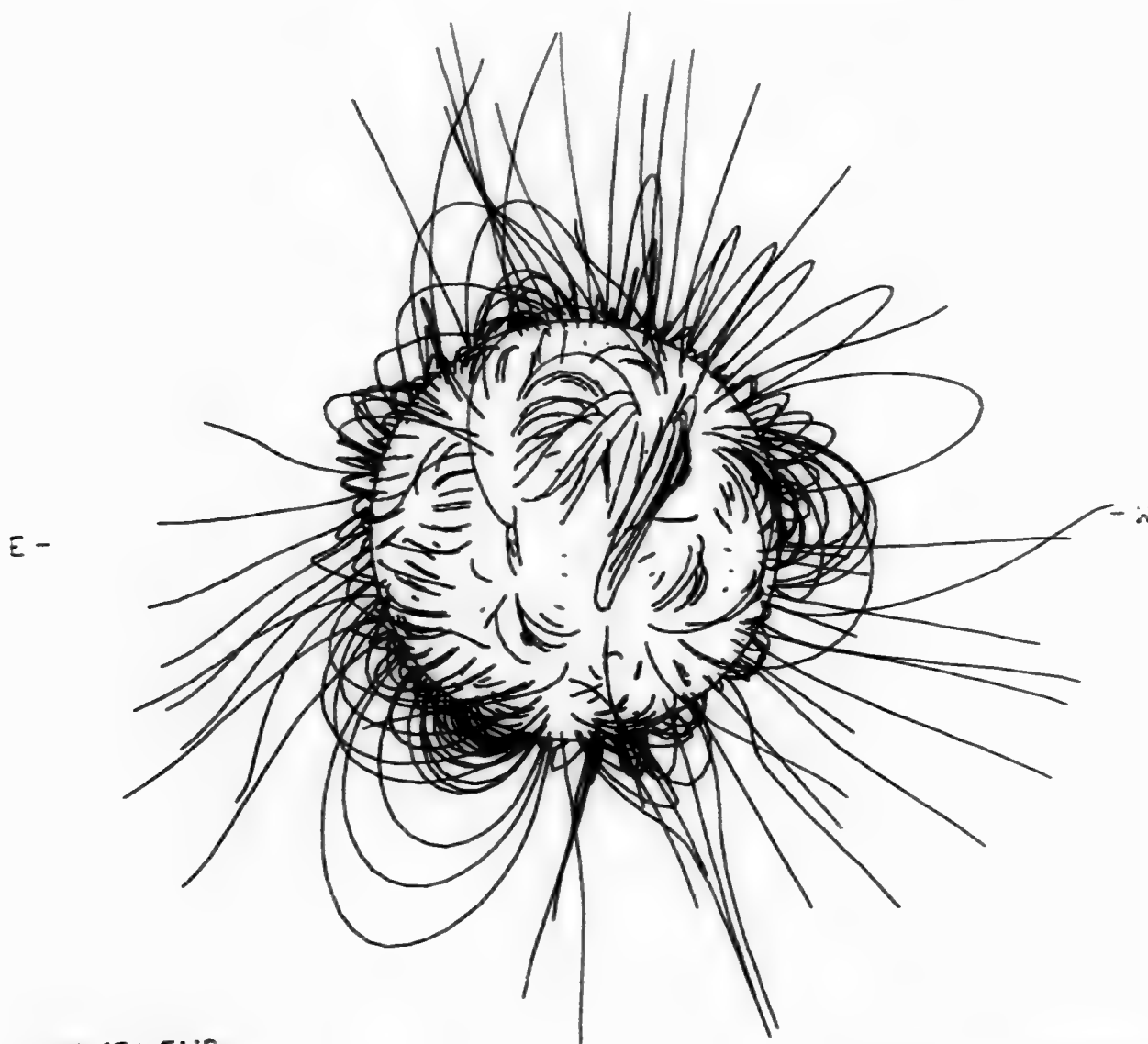


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

ROT. 1506 LONG. 500°
2.8 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



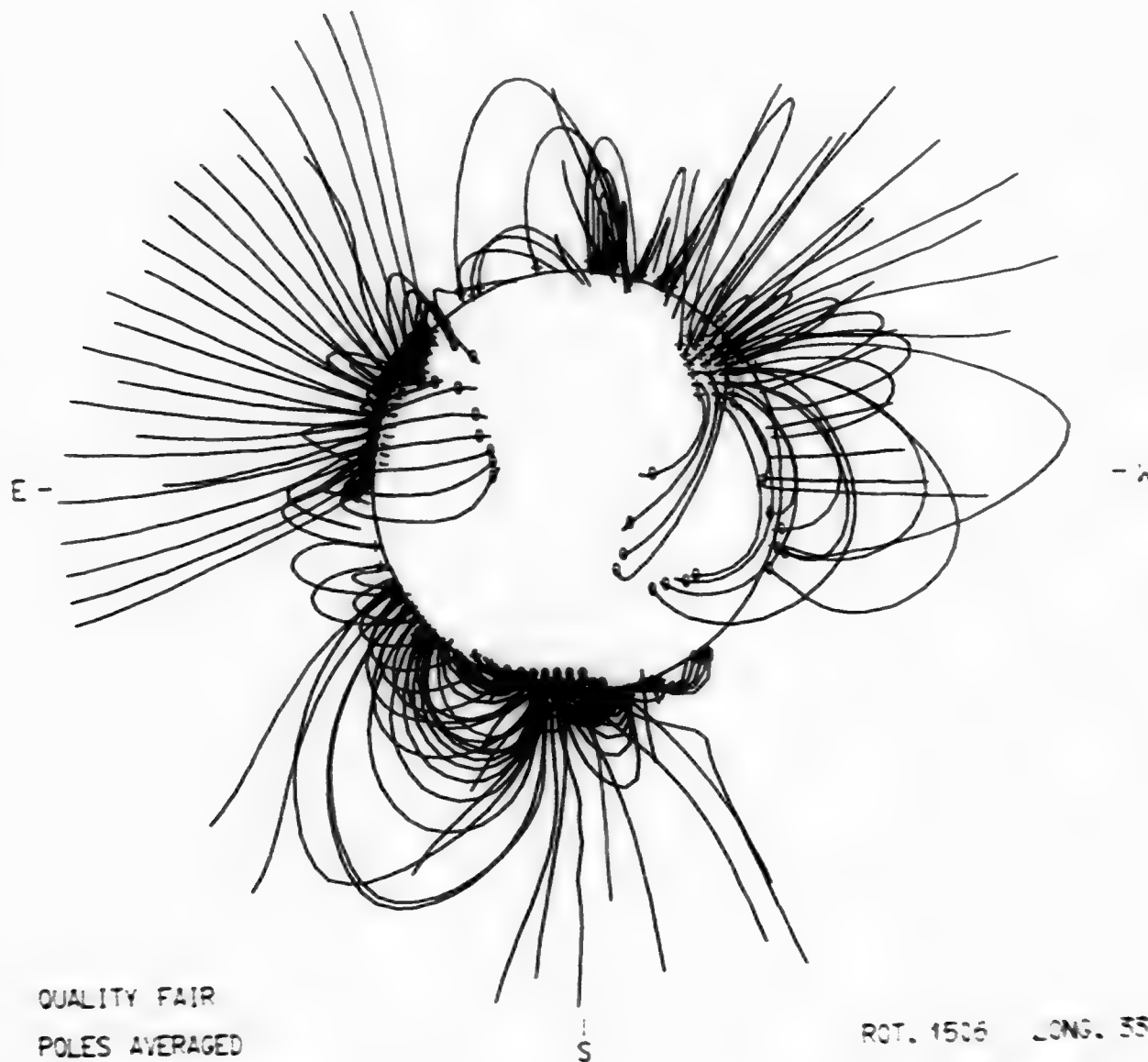
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

S

ROT. 1506 LONG. 330°
3.6 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

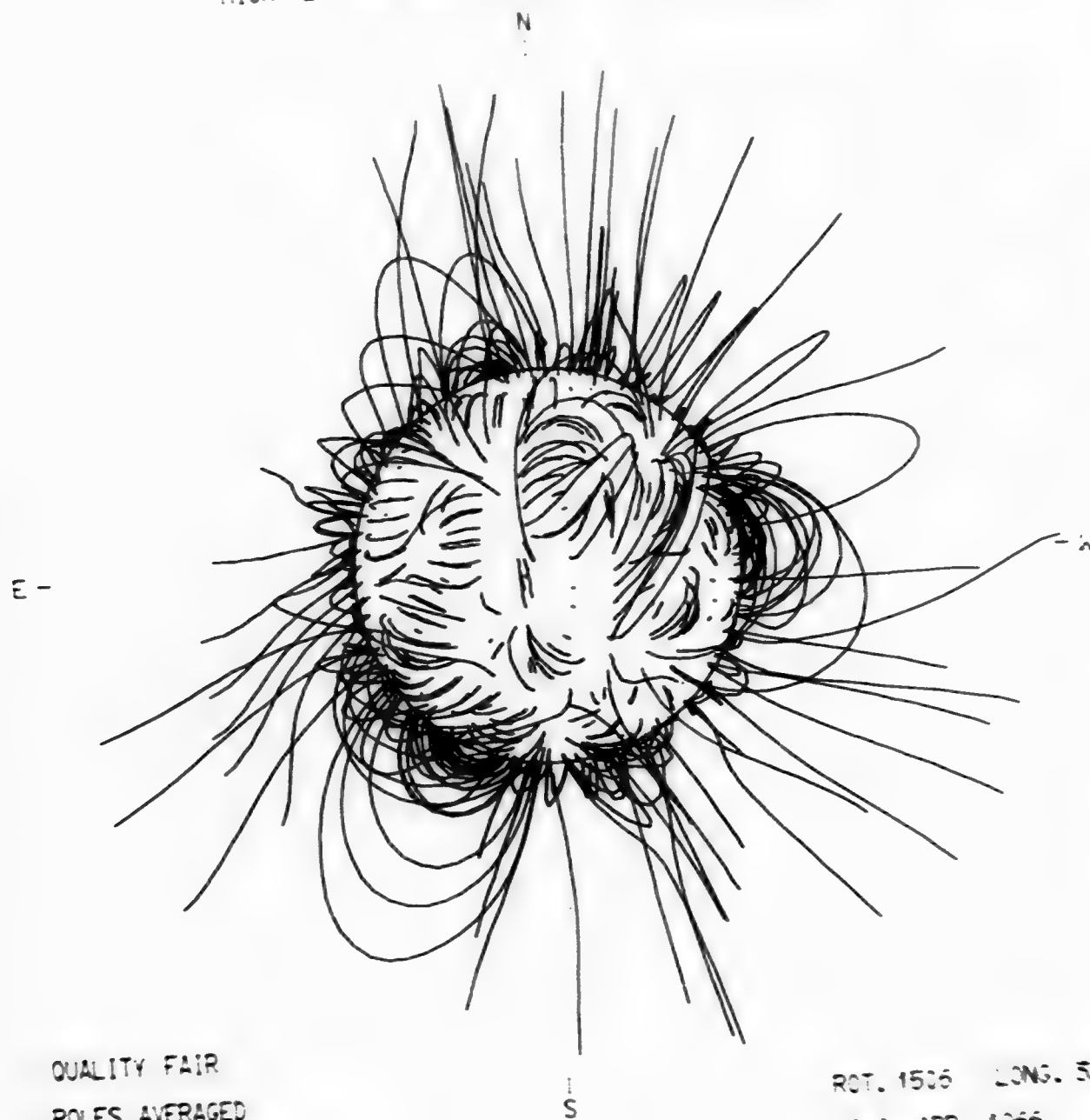
N



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

ROT. 1506 LONG. 351°
3.6 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

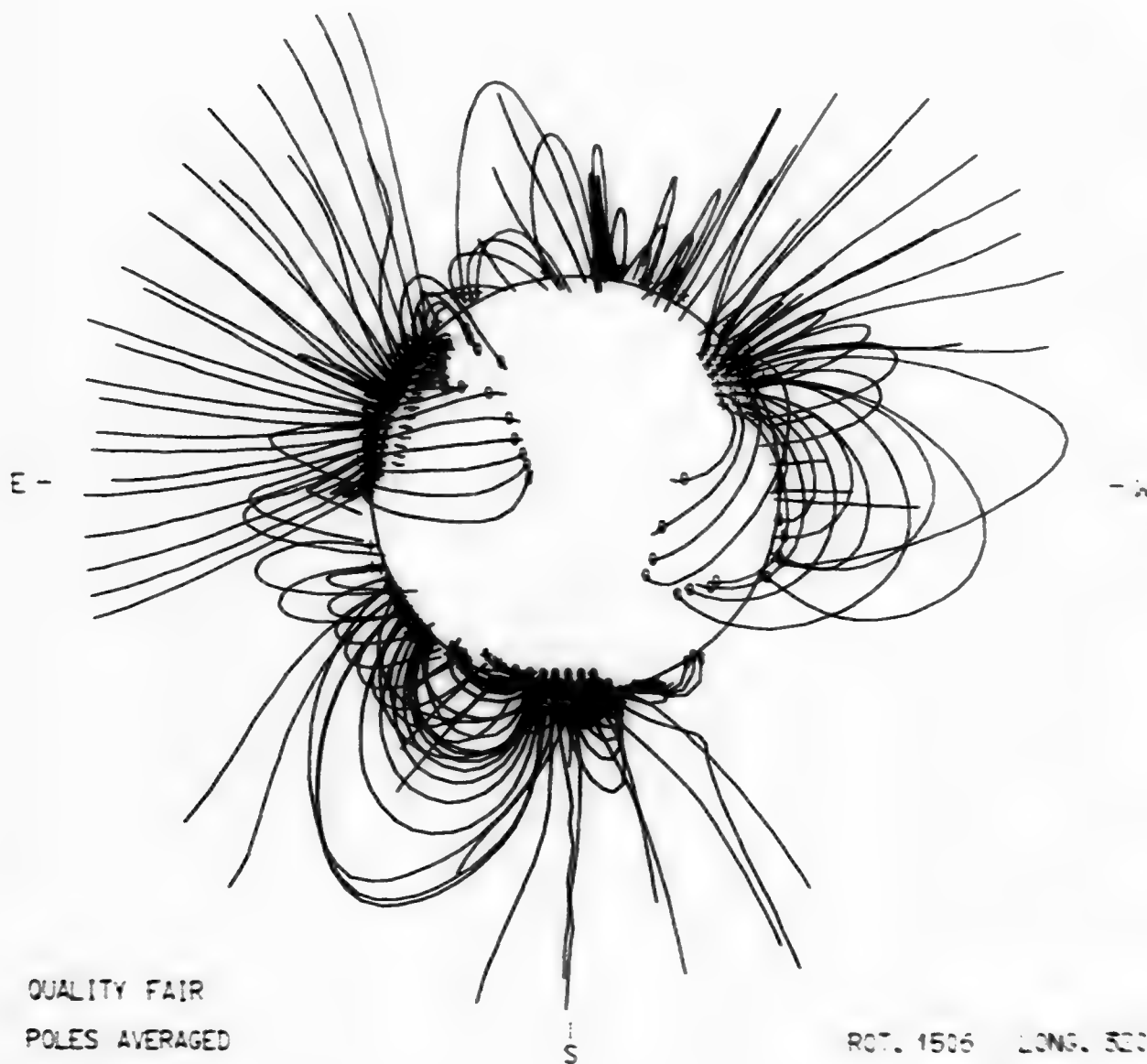


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

ROT. 1506 LONG. 520°
2.2 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

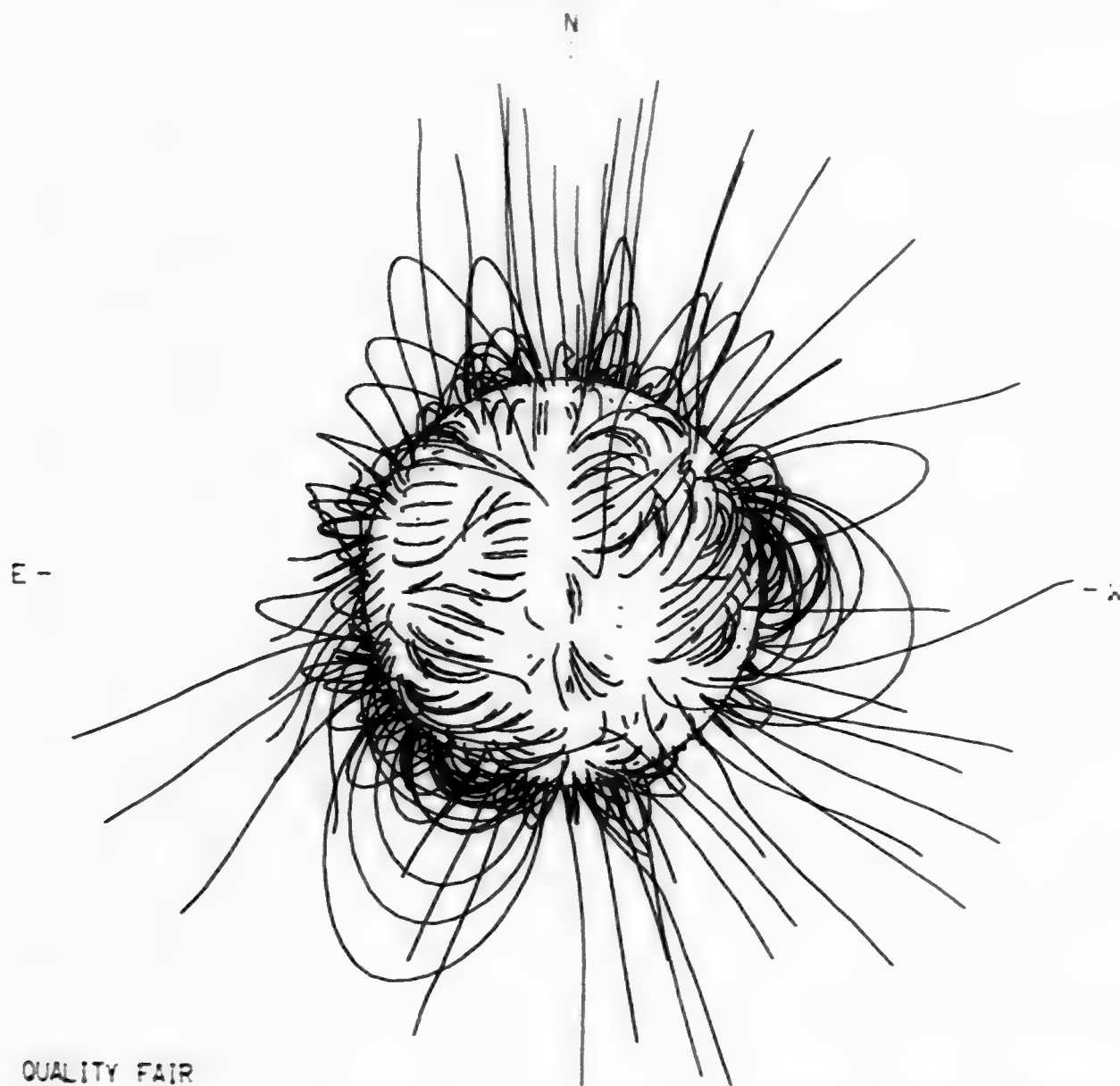
POLES AVERAGED

DATA WINDOW 1505.47

ROT. 1506 LONG. 320°

4.2 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1505.47

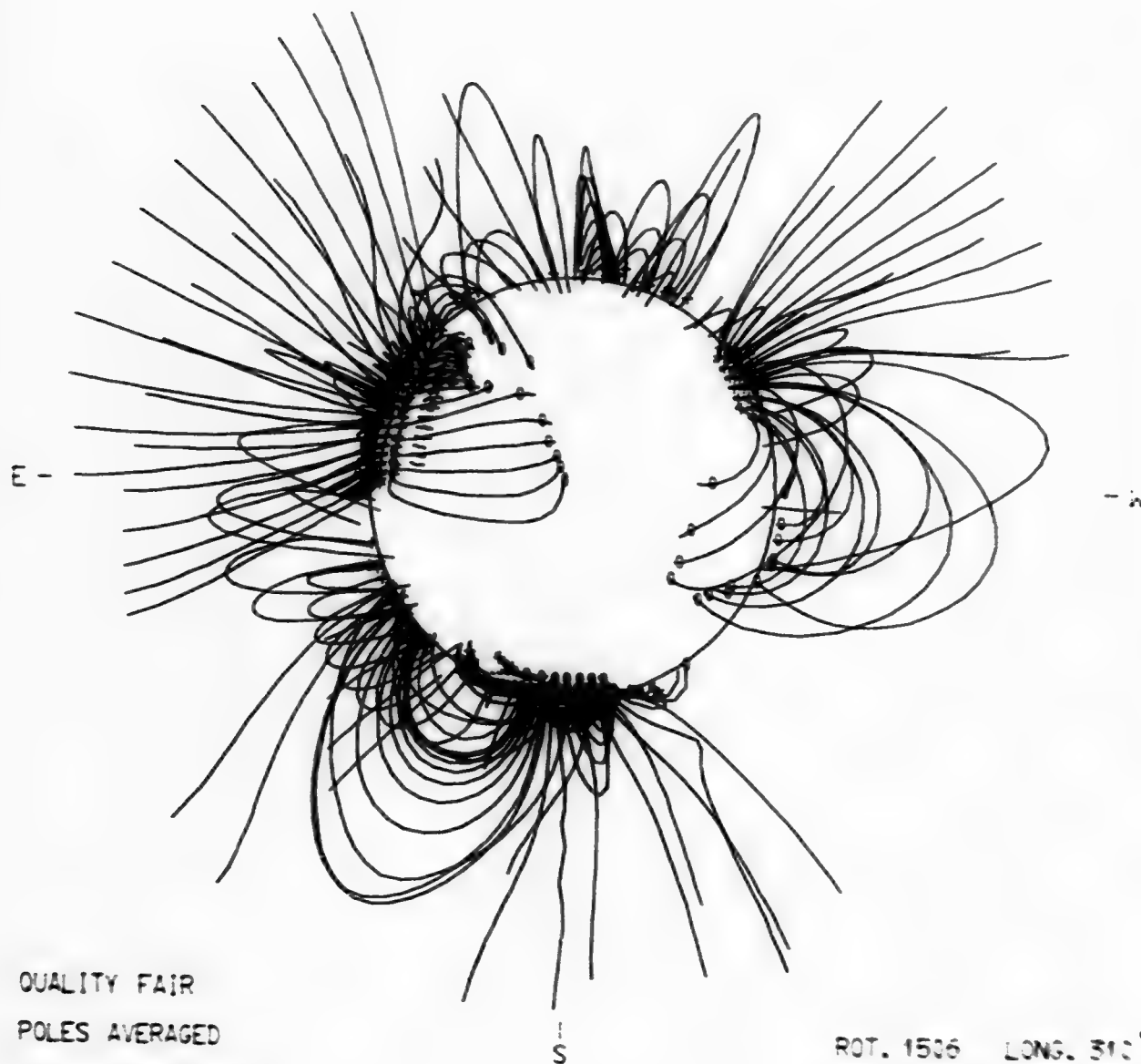
S

ROT. 15:6 LONG. 31:°

5.1 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



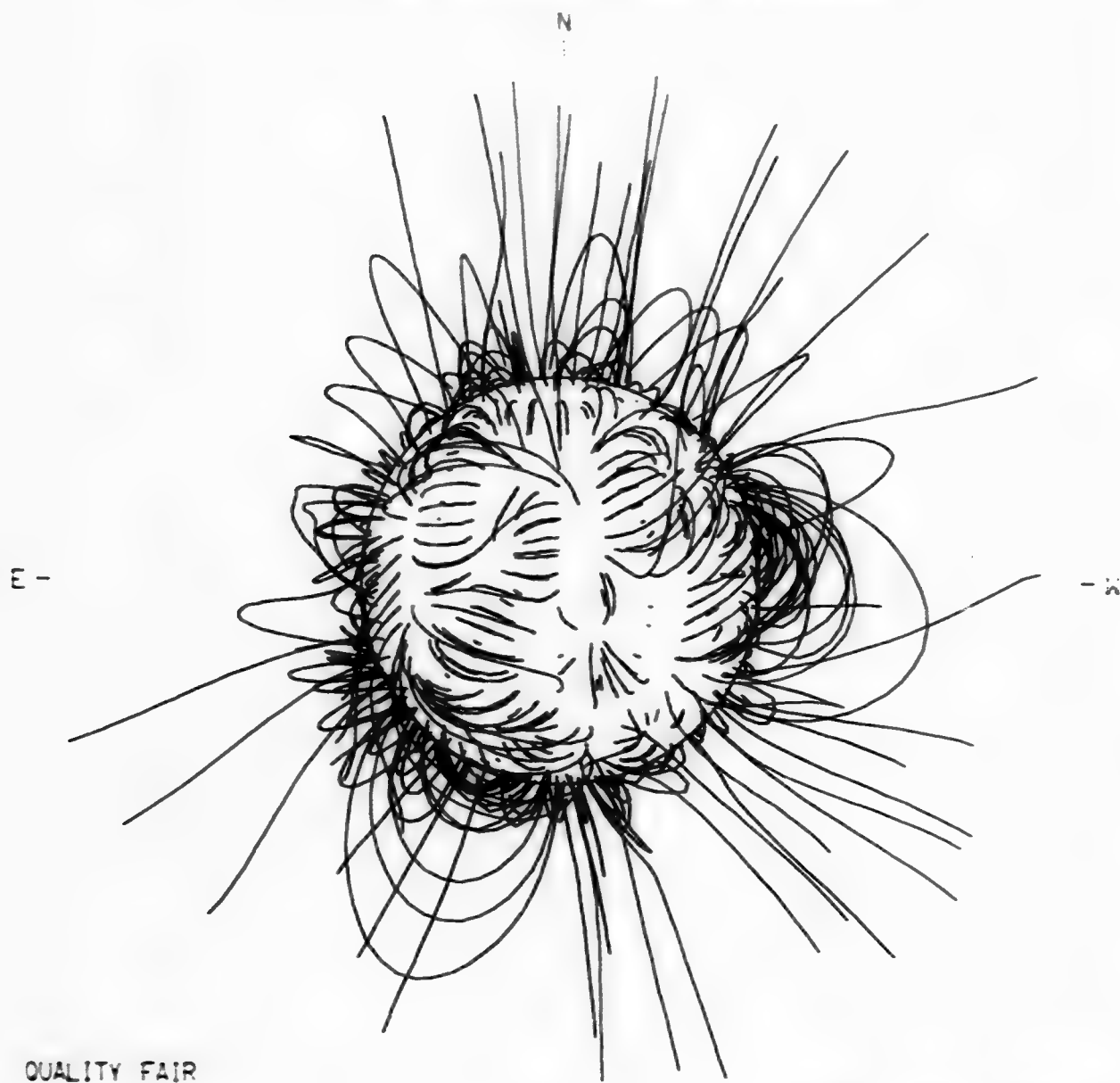
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1505.47

ROT. 1506 LONG. 310°
5.1 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

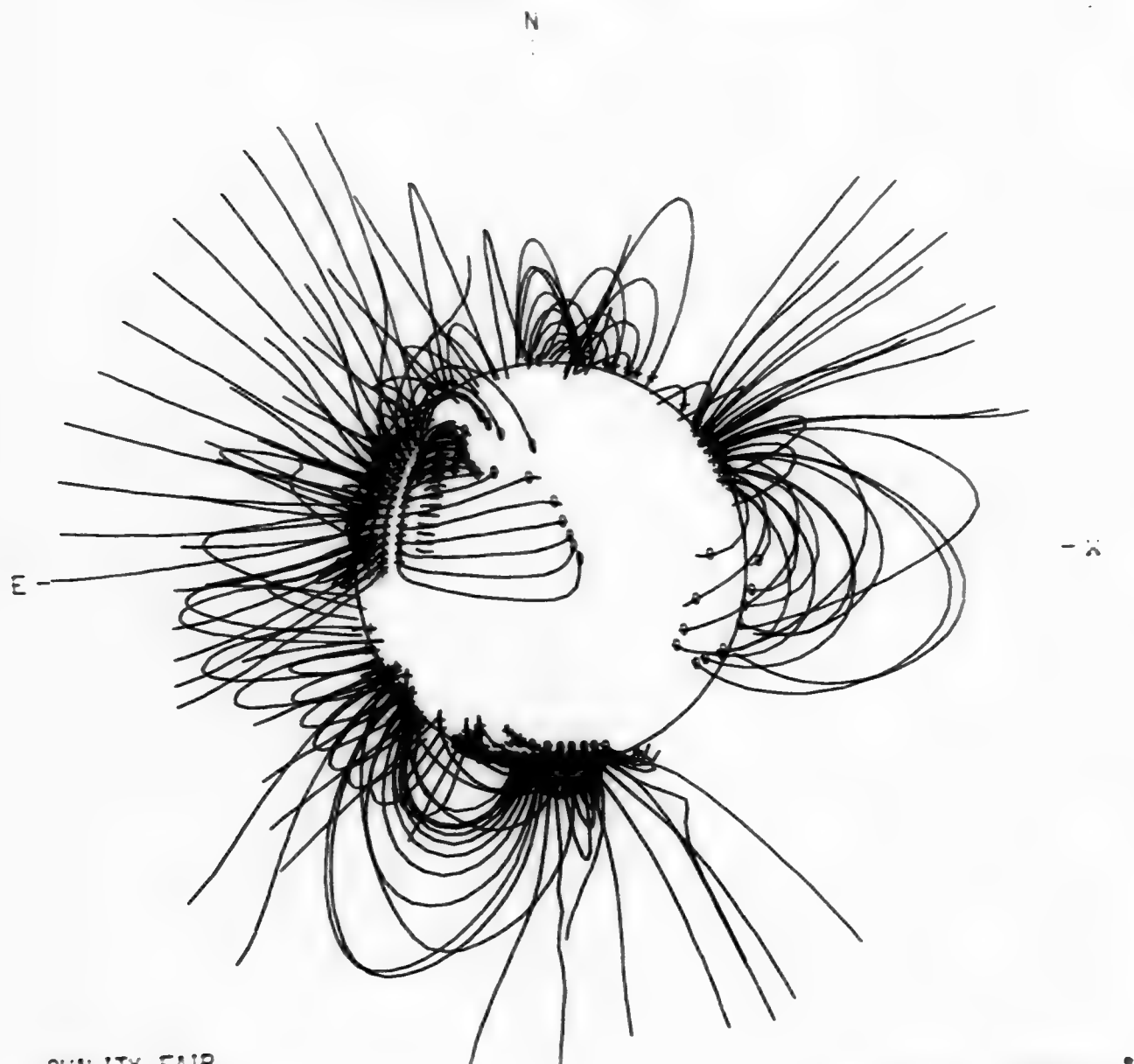


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

S

ROT. 1506 LONG. 500°
5.9 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

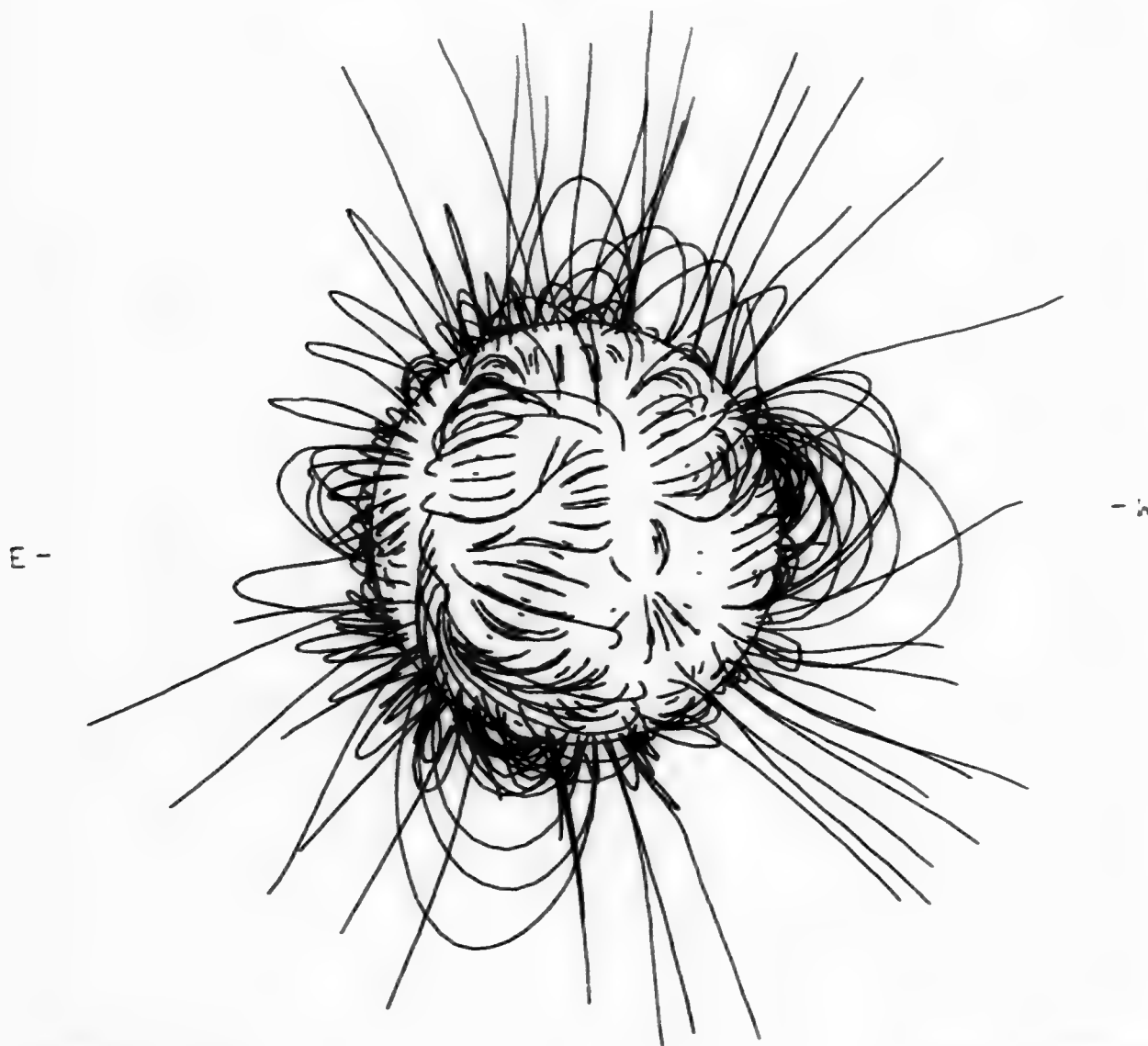


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

ROT. 1506 LONG. 500°
5.9 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



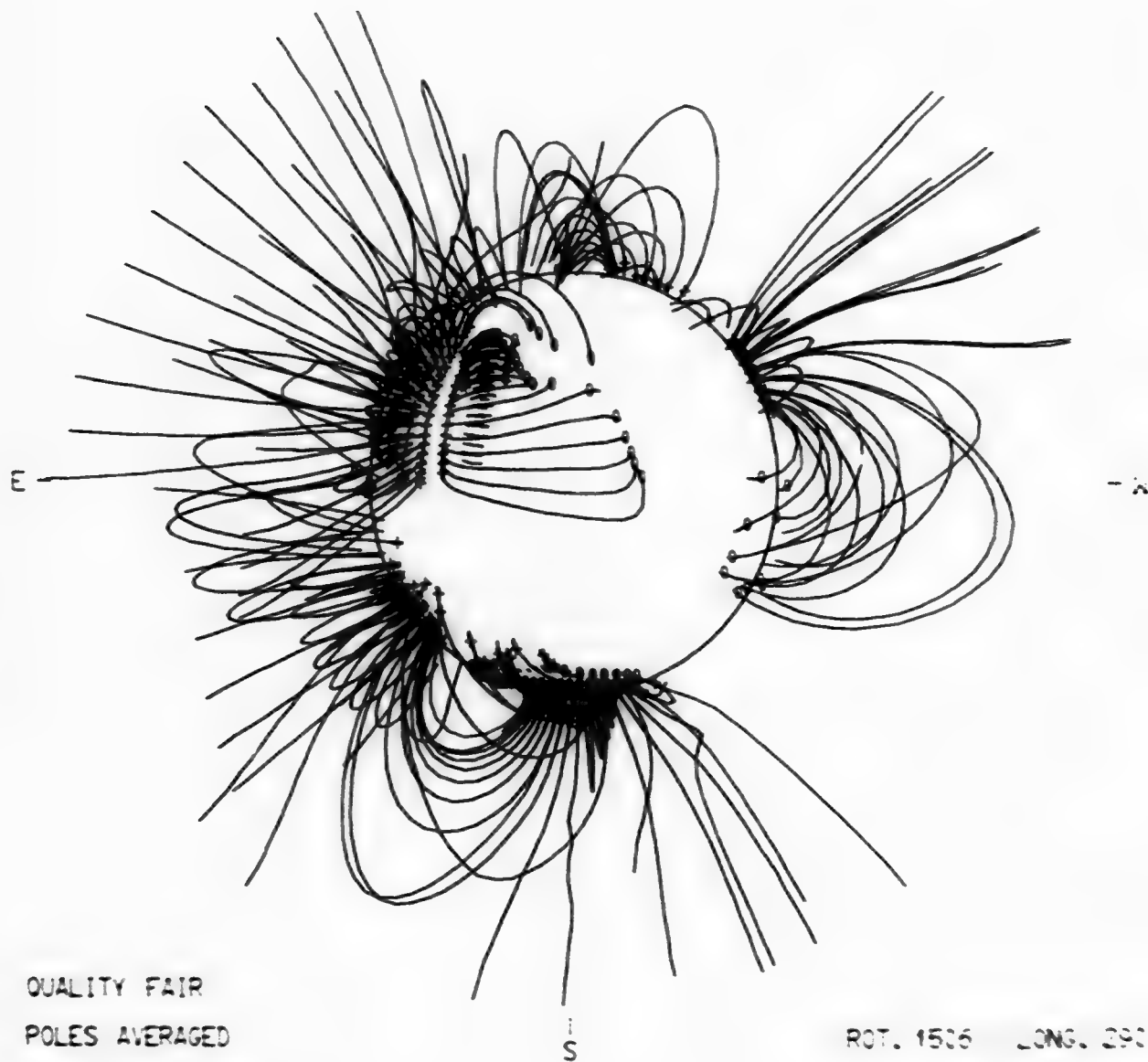
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

S

ROT. 1506 LONG. 290°
6.6 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

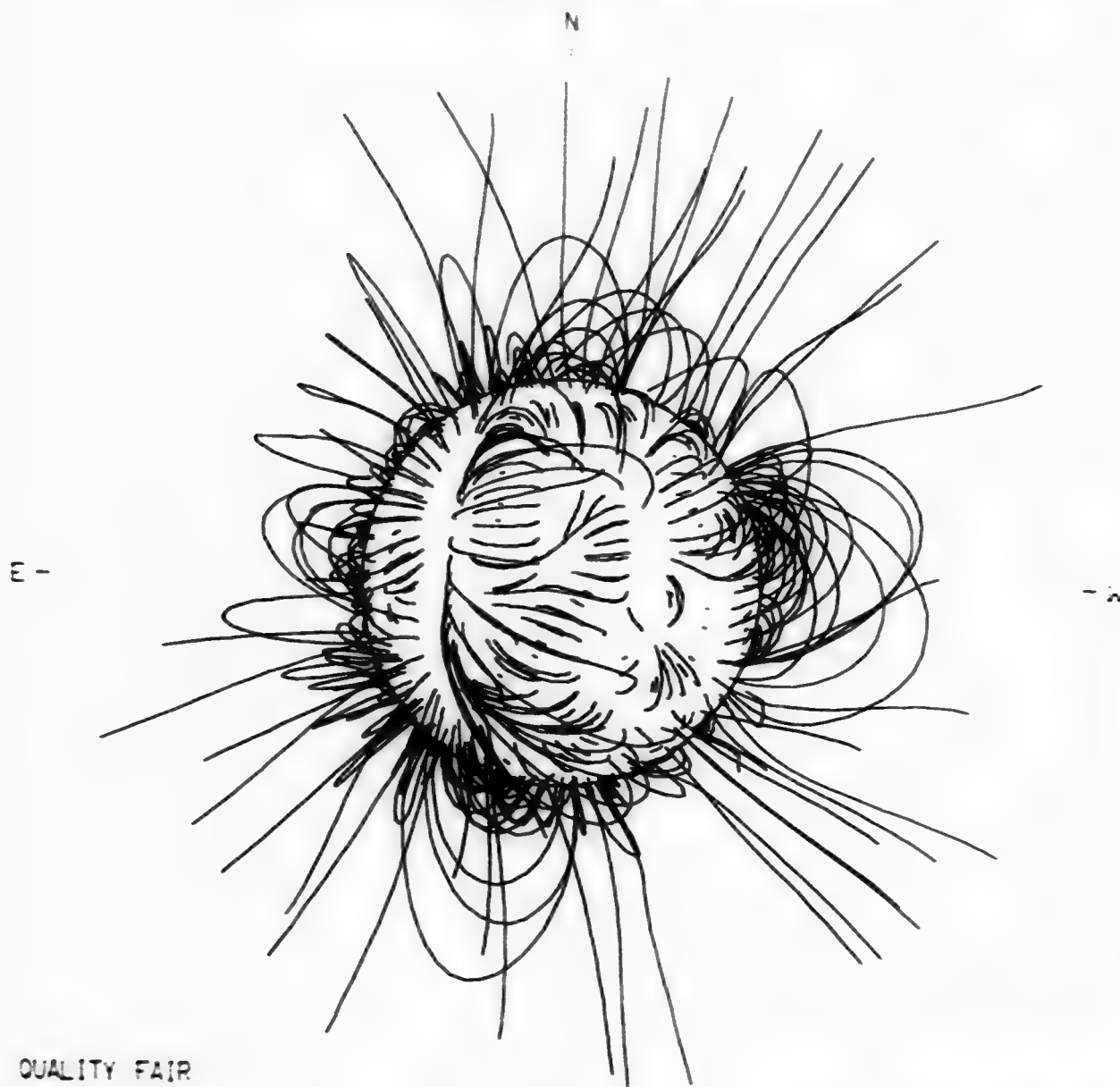
POLES AVERAGED

DATA WINDOW 1505.47

ROT. 1506 LONG. 290°

6.6 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



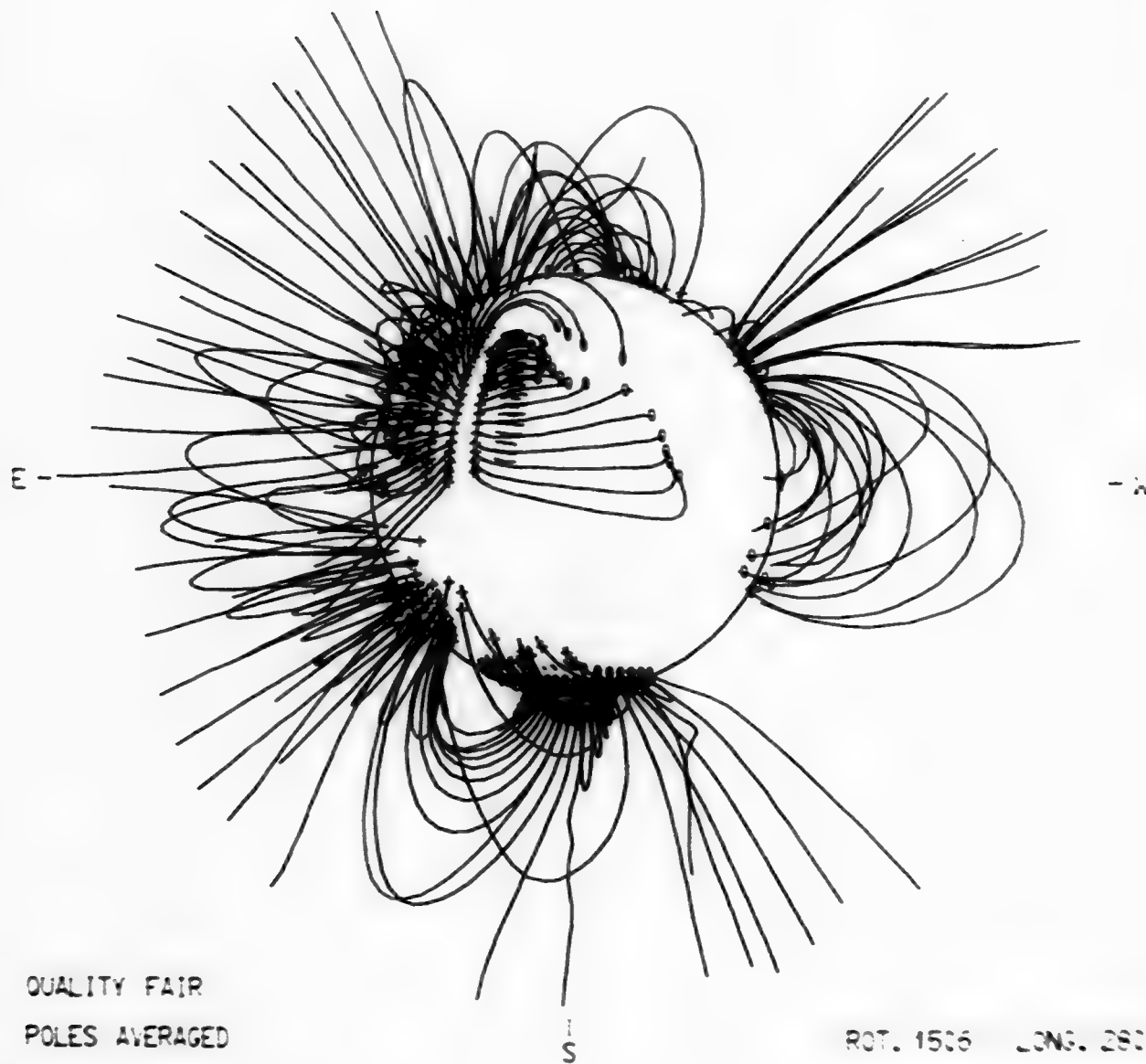
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

S

ROT. 1536 LONG. 290°
7.4 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

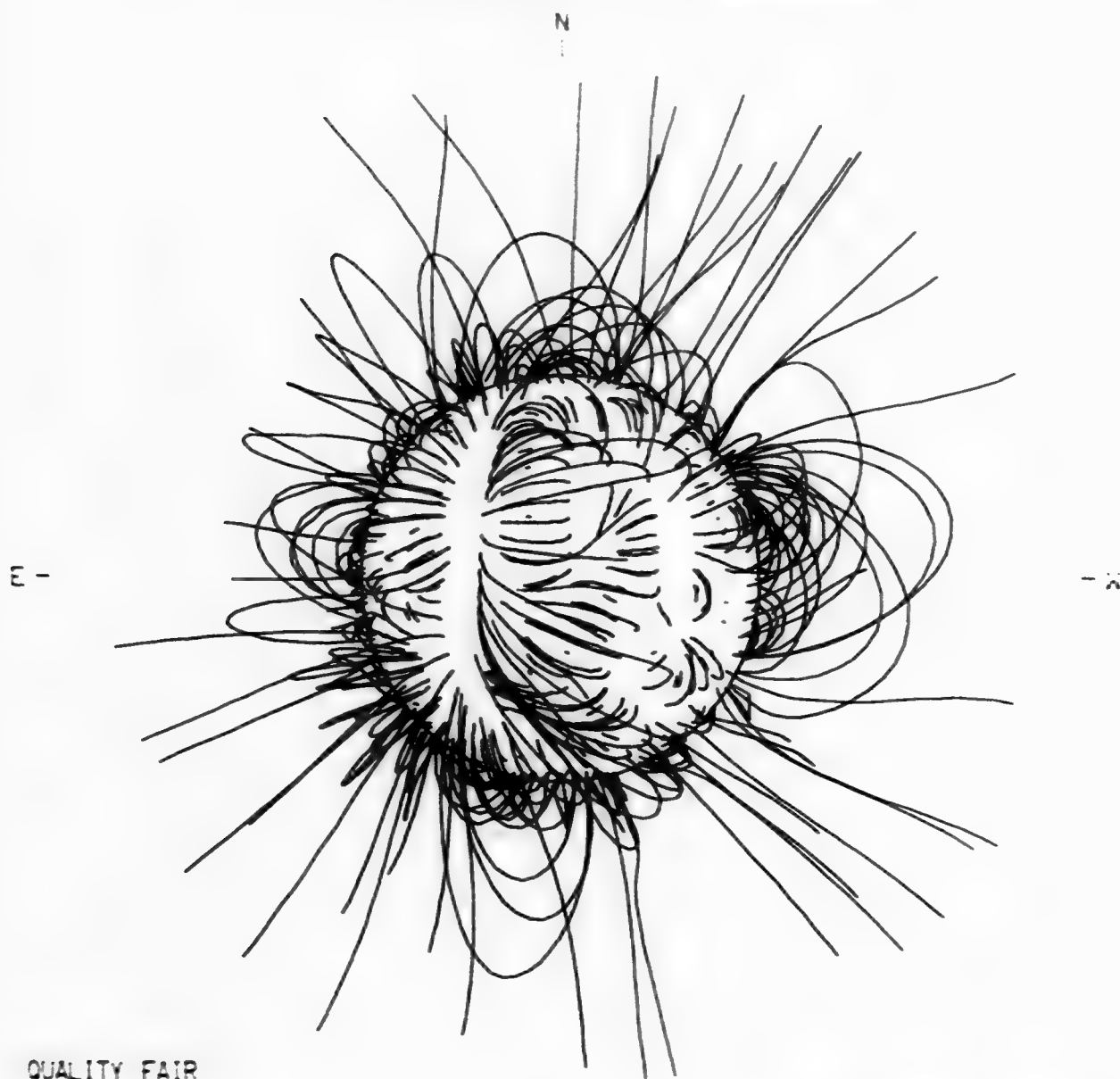
POLES AVERAGED

DATA WINDOW 1505.47

ROT. 1506 LONG. 281°

7.4 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



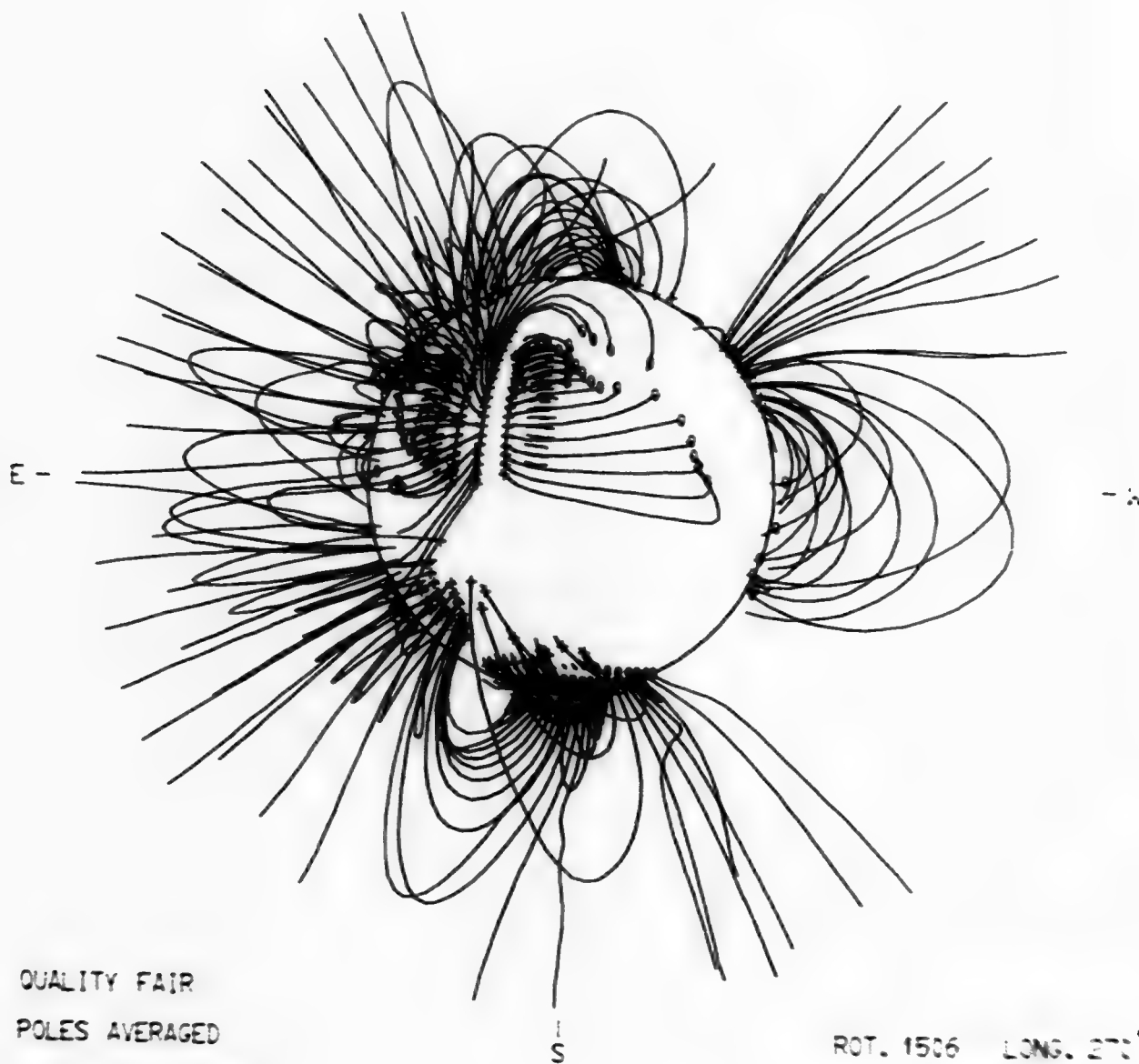
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1505.47

!
S

ROT. 1506 LONG. 270°
8.1 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

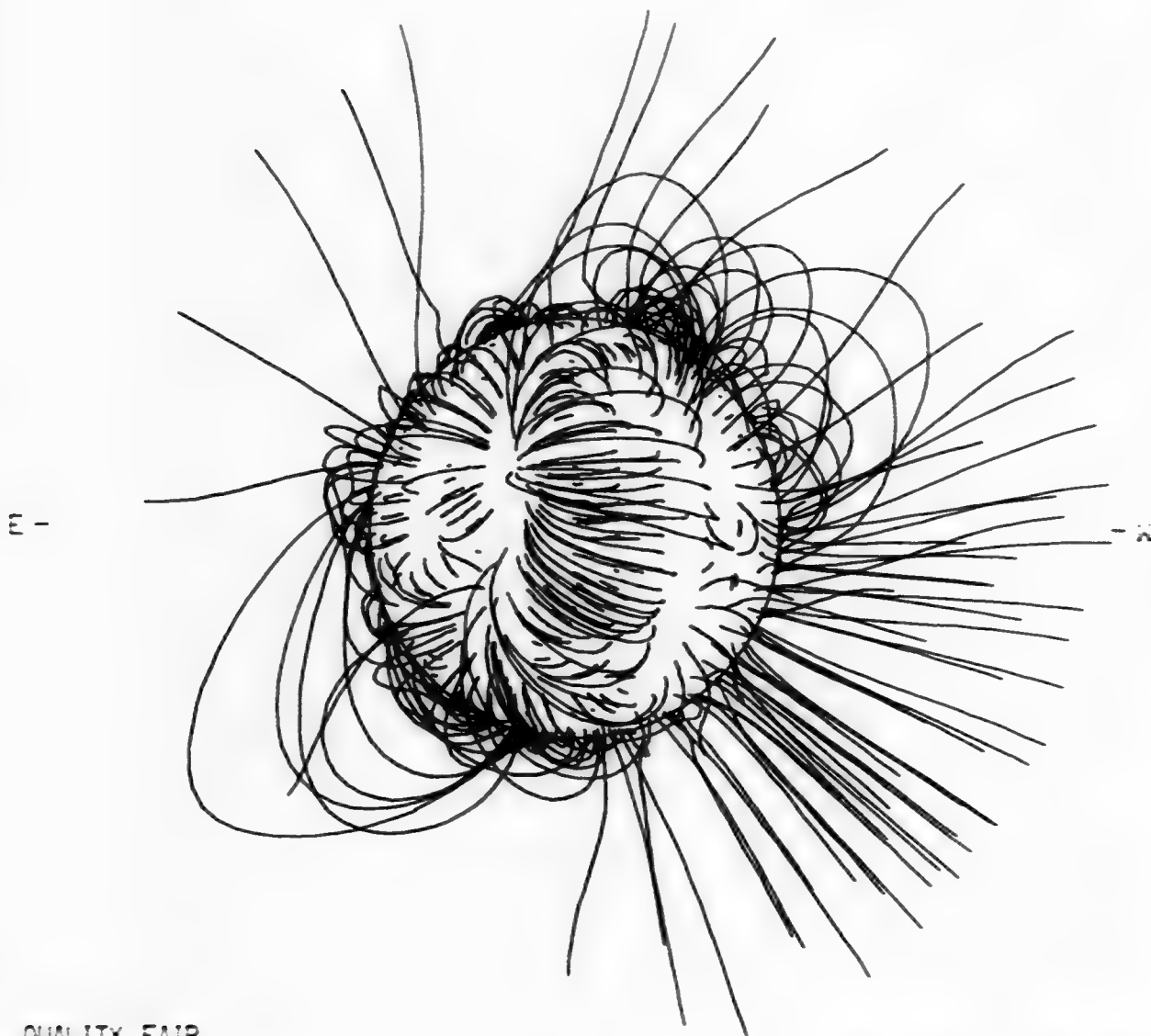
DATA WINDOW 1505.47

ROT. 1506 LONG. 270°

8.1 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



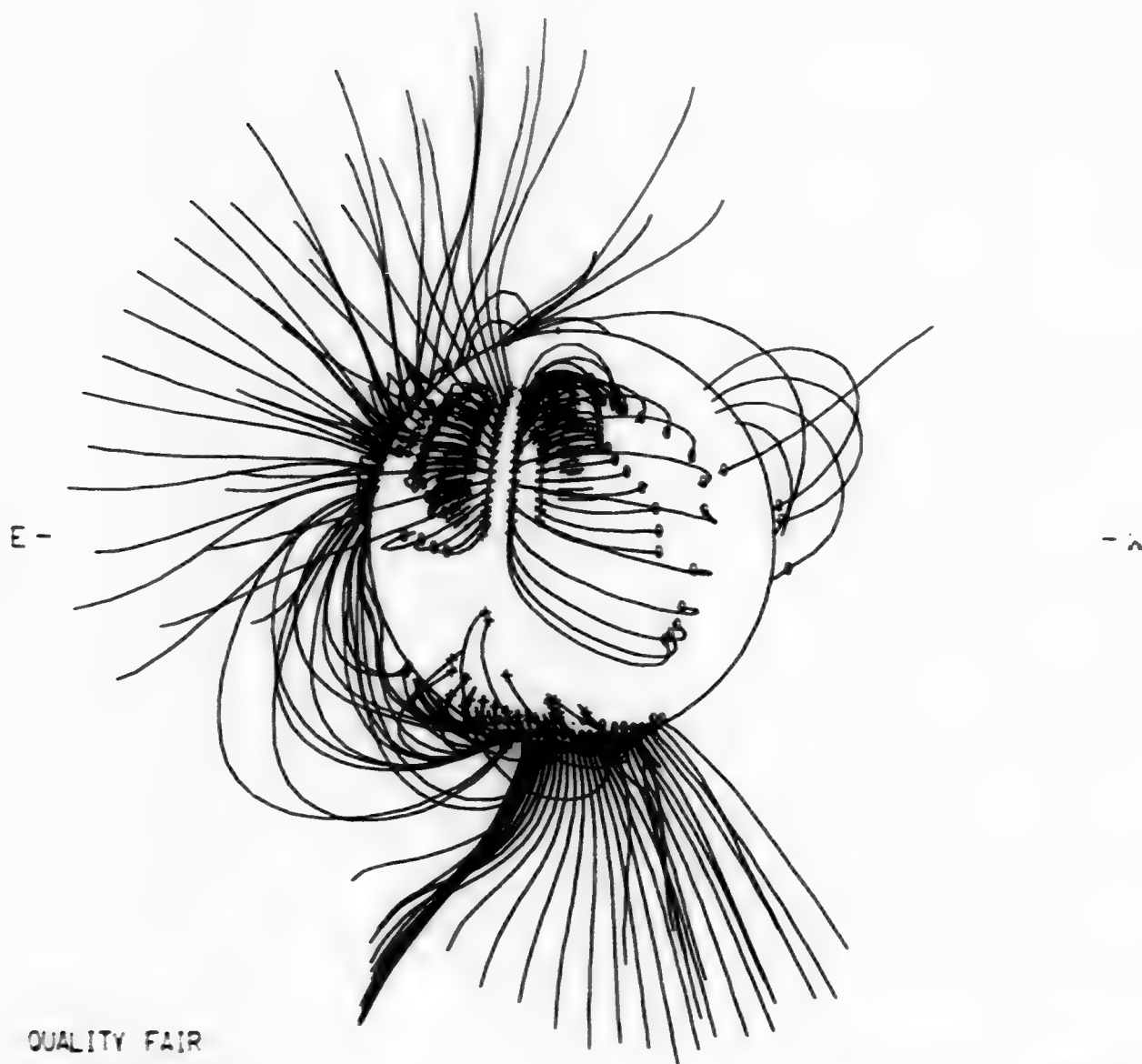
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

S

ROT. 1506 LONG. 261°
8.9 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1506.00

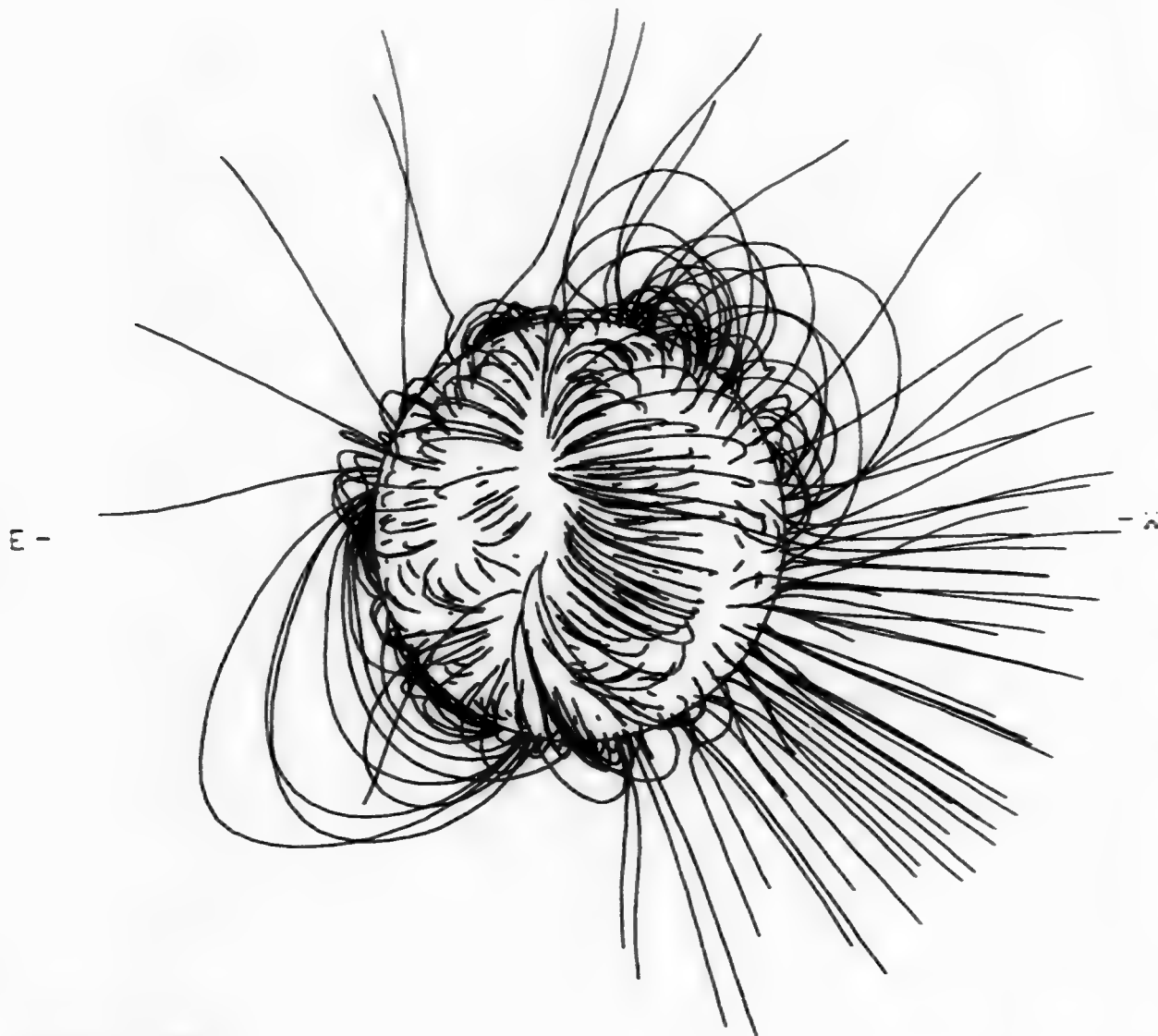
S

ROT. 1506 LONG. 251°

8.9 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



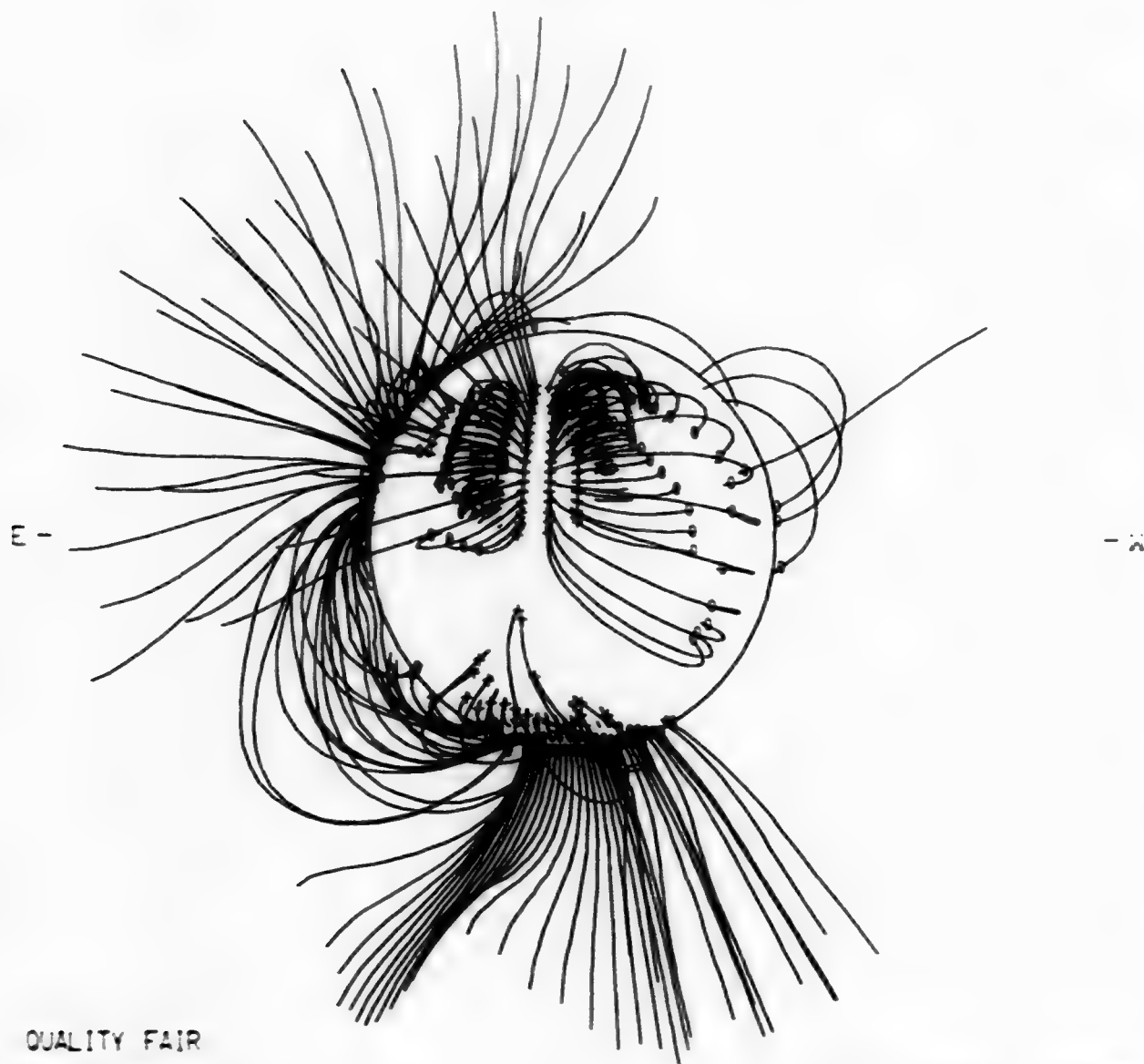
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

S

ROT. 1506 LONG. 250°
9.7 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

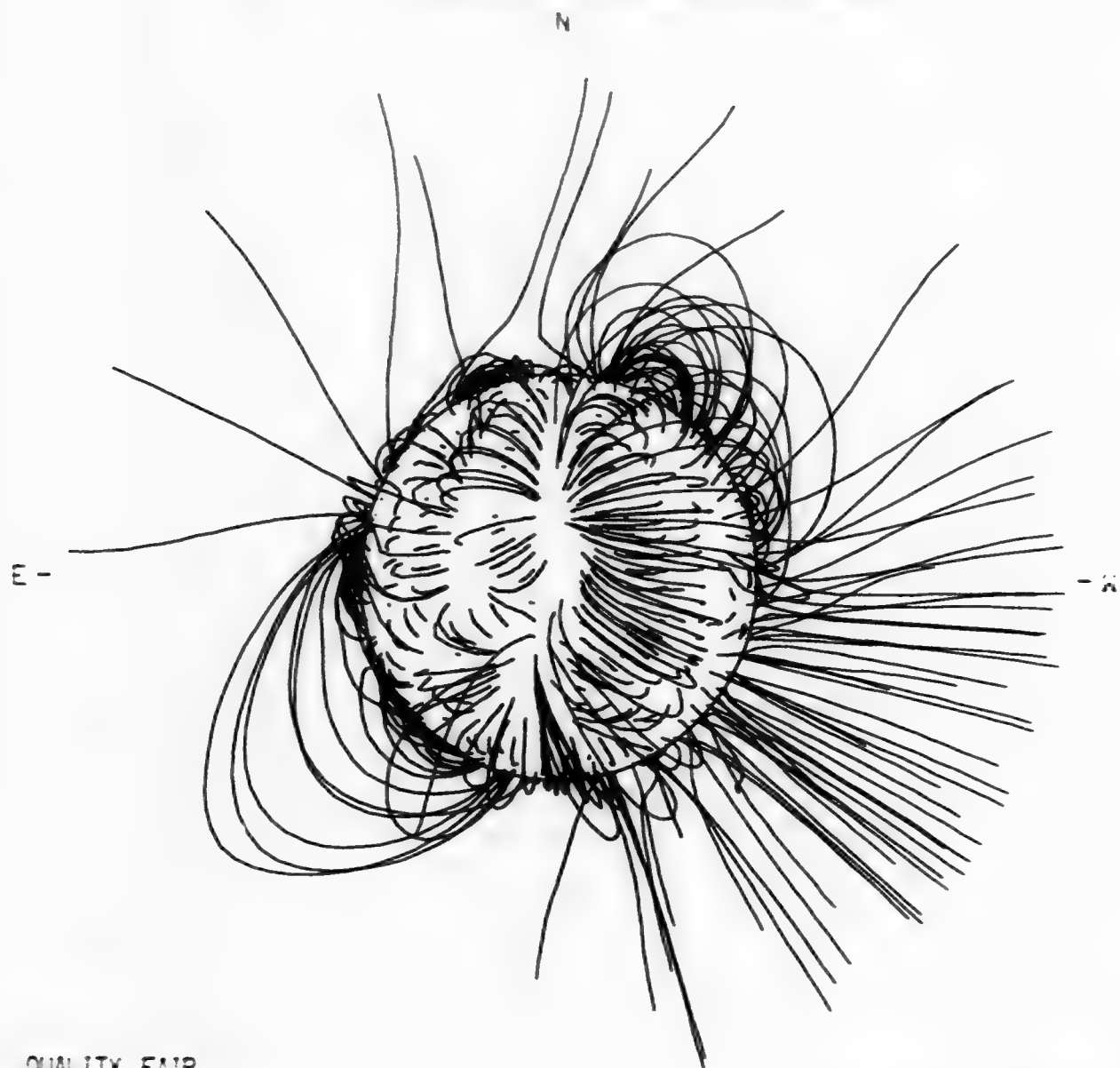


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

S

ROT. 1506 LONG. 250°
9.7 APR 1966

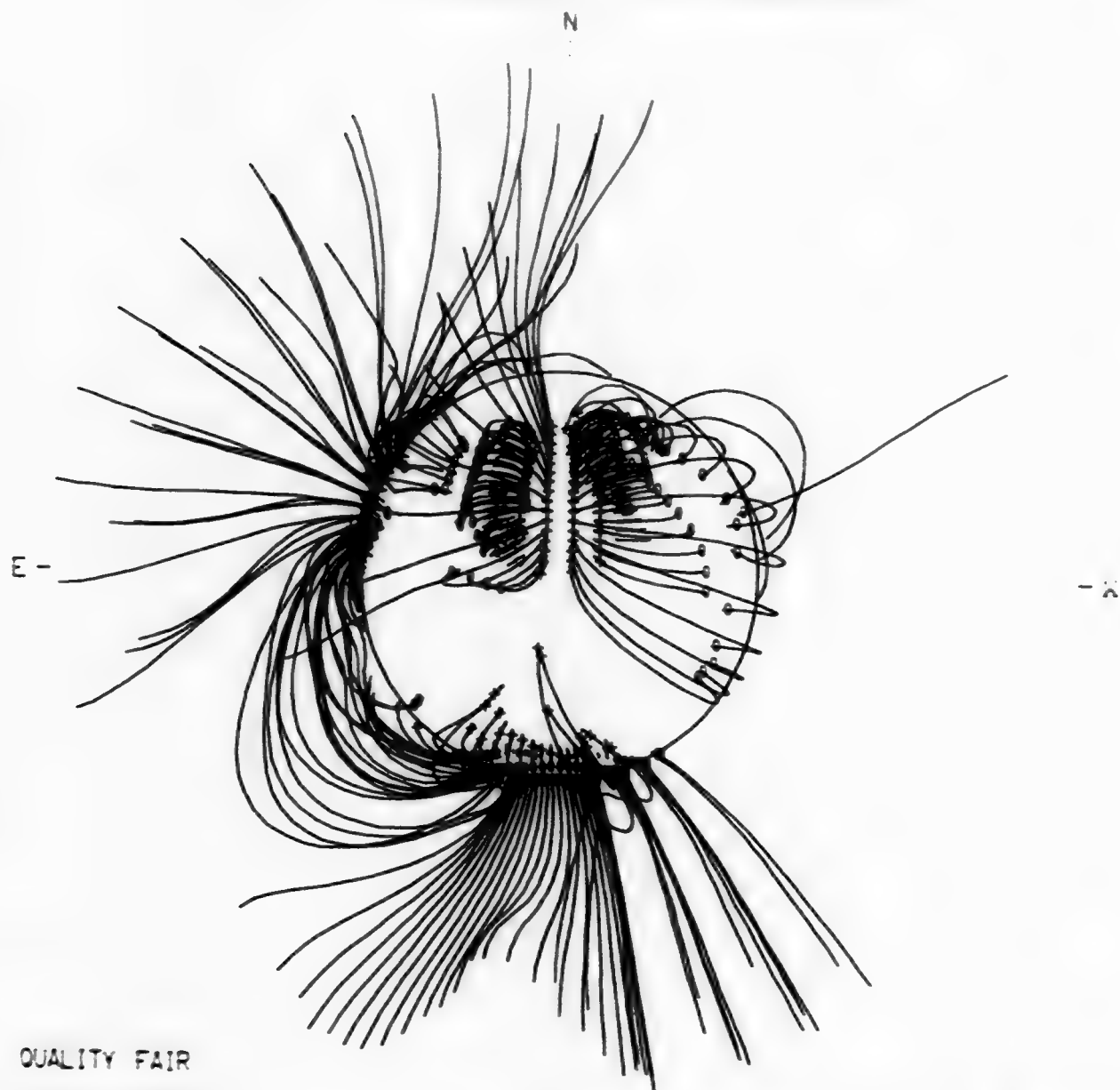
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

ROT. 1506 LONG. 240°
10.4 APR 1966

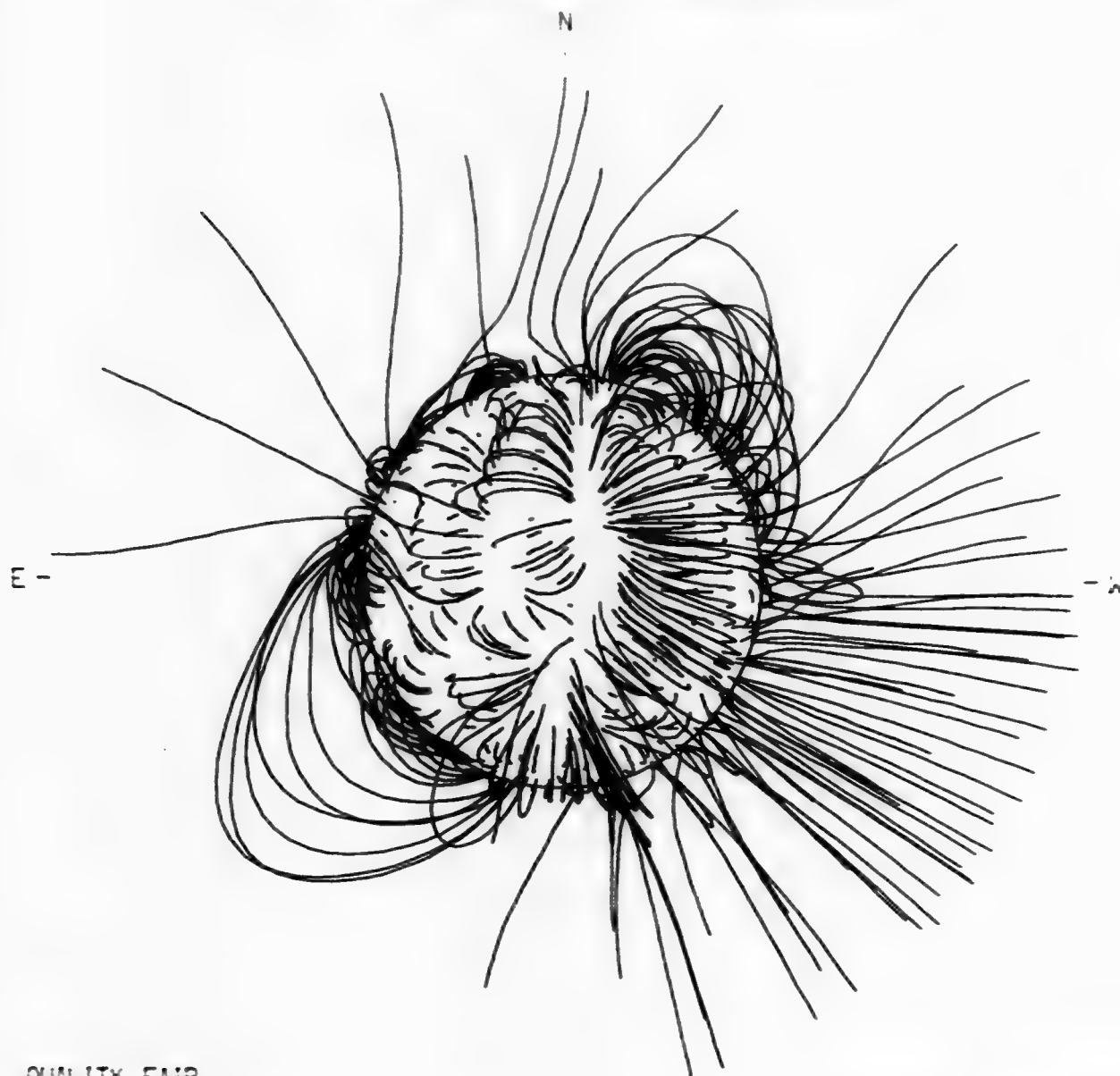
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

ROT. 1506 LONG. 240°
10.4 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

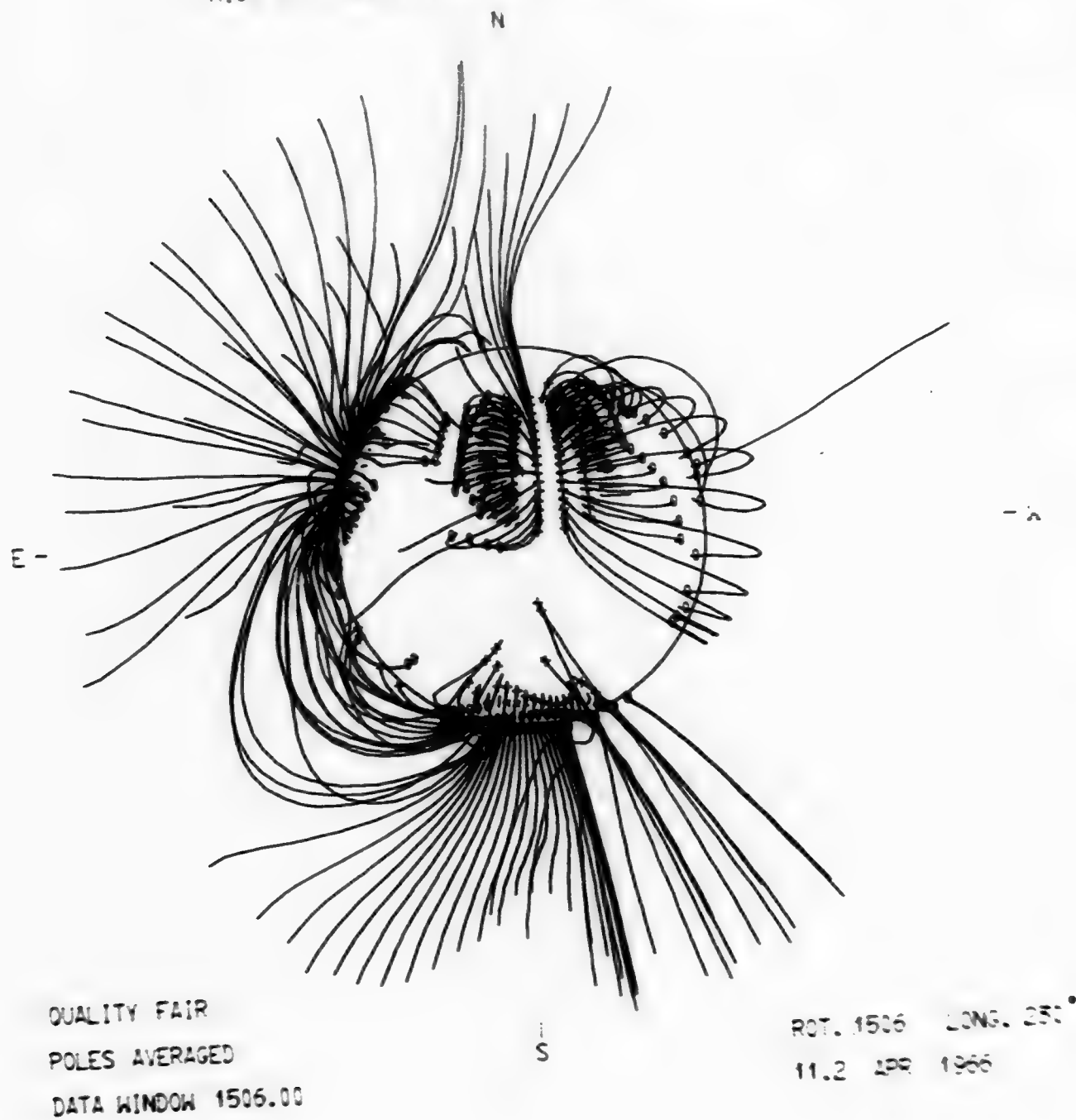


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

S

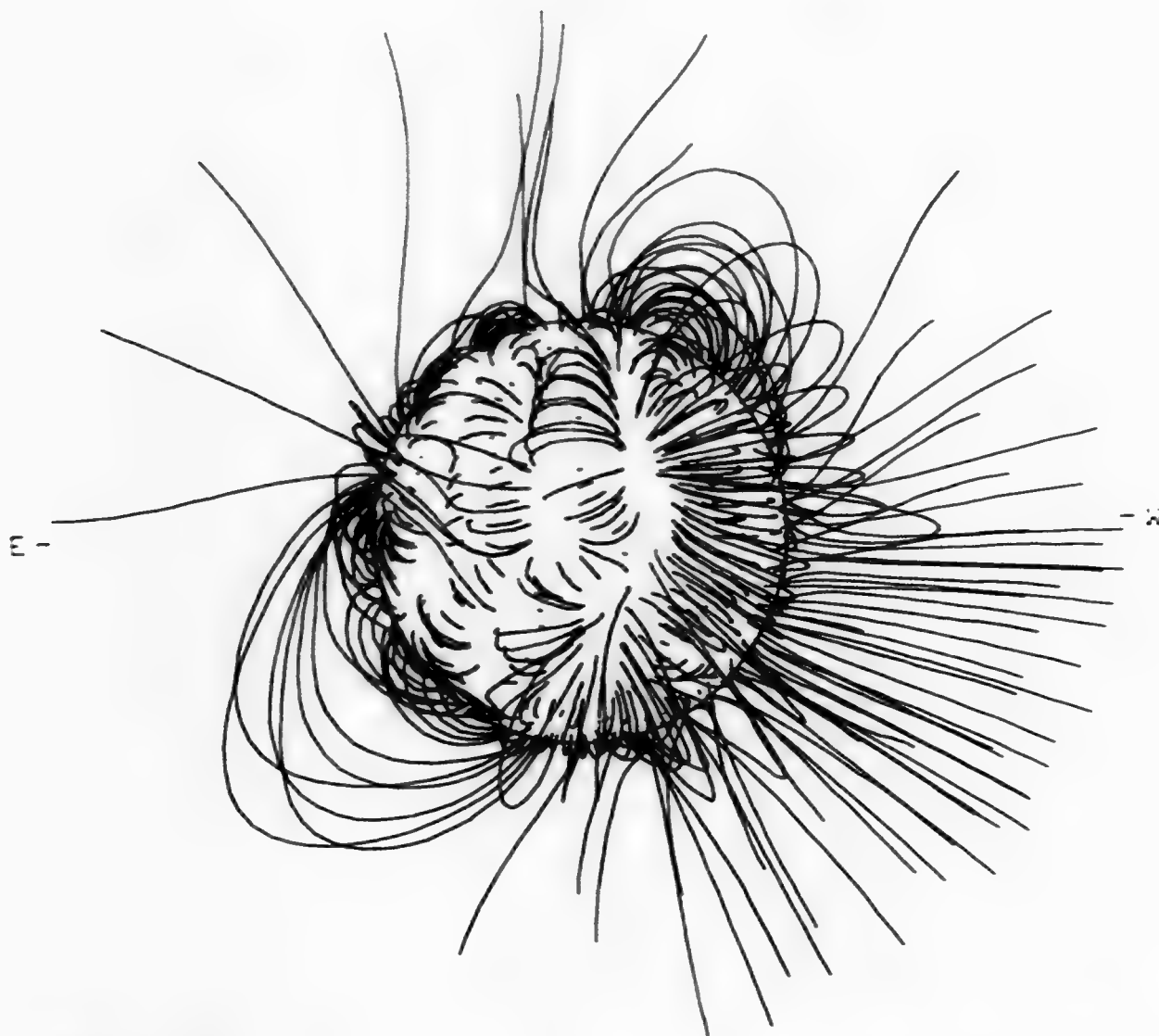
ROT. 1506 LONG. 250°
11.2 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

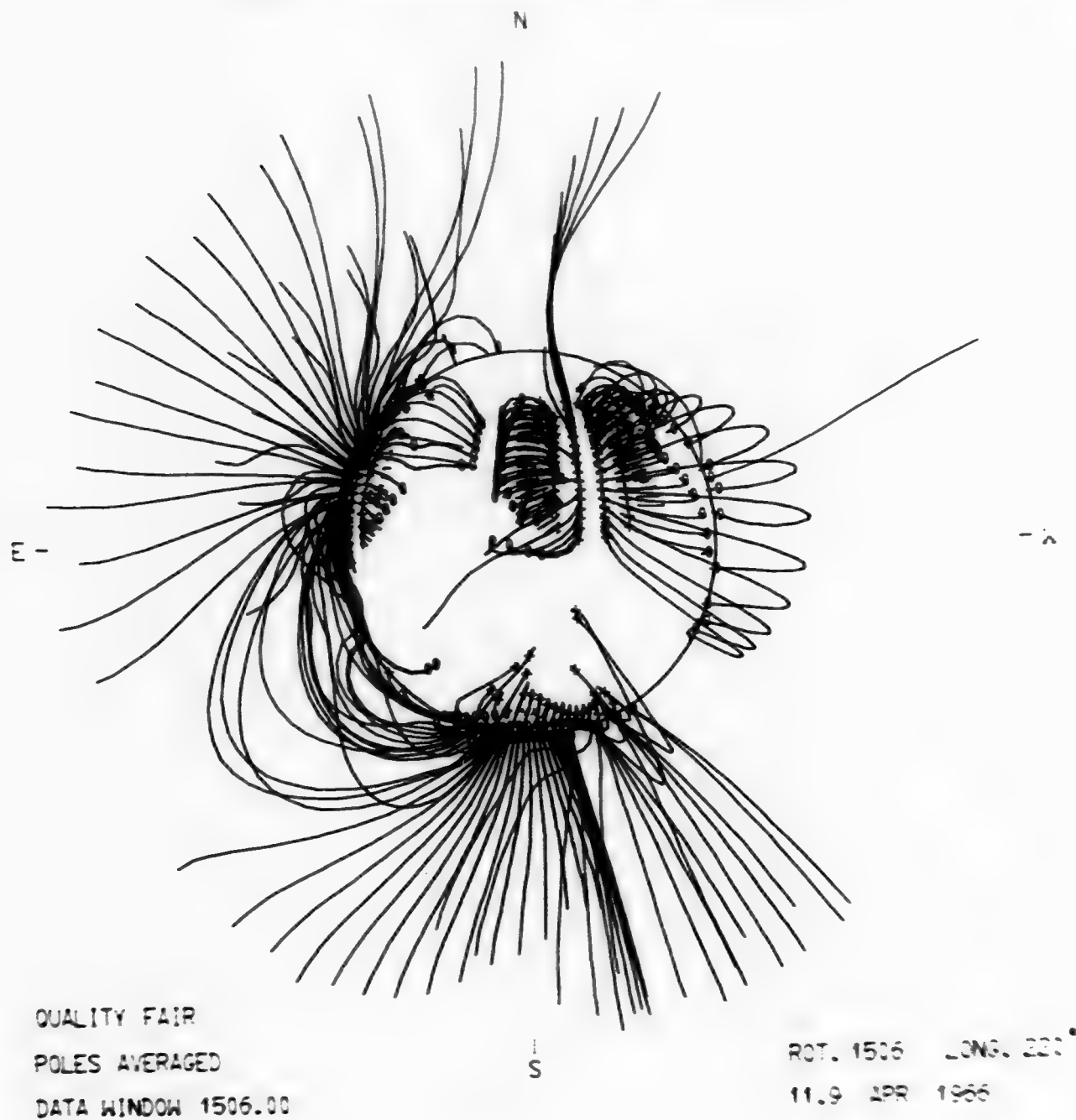


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

S

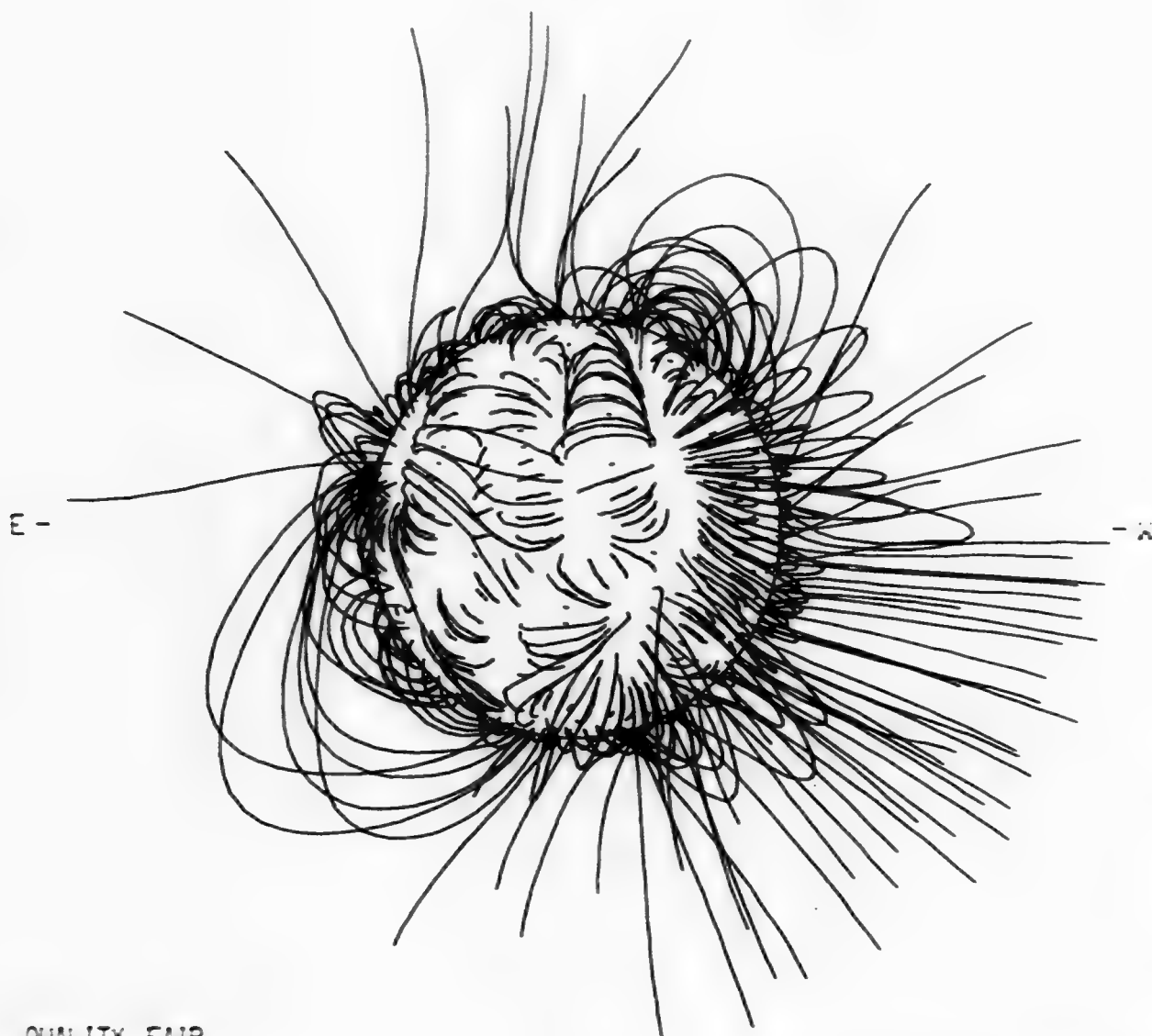
ROT. 1506 LONG. 220°
11.9 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

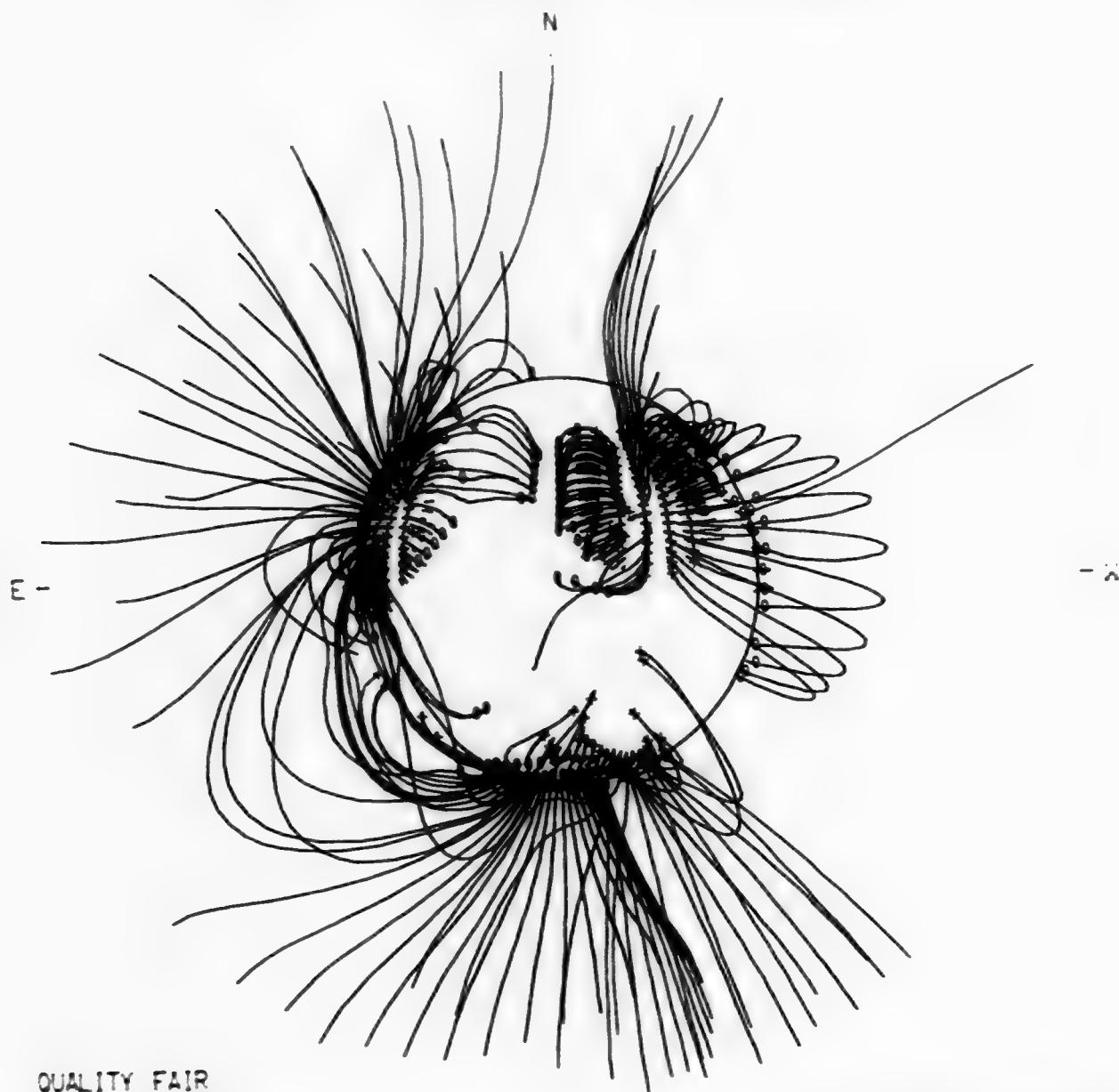


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

S

ROT. 1506 LONG. 210°
12.7 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



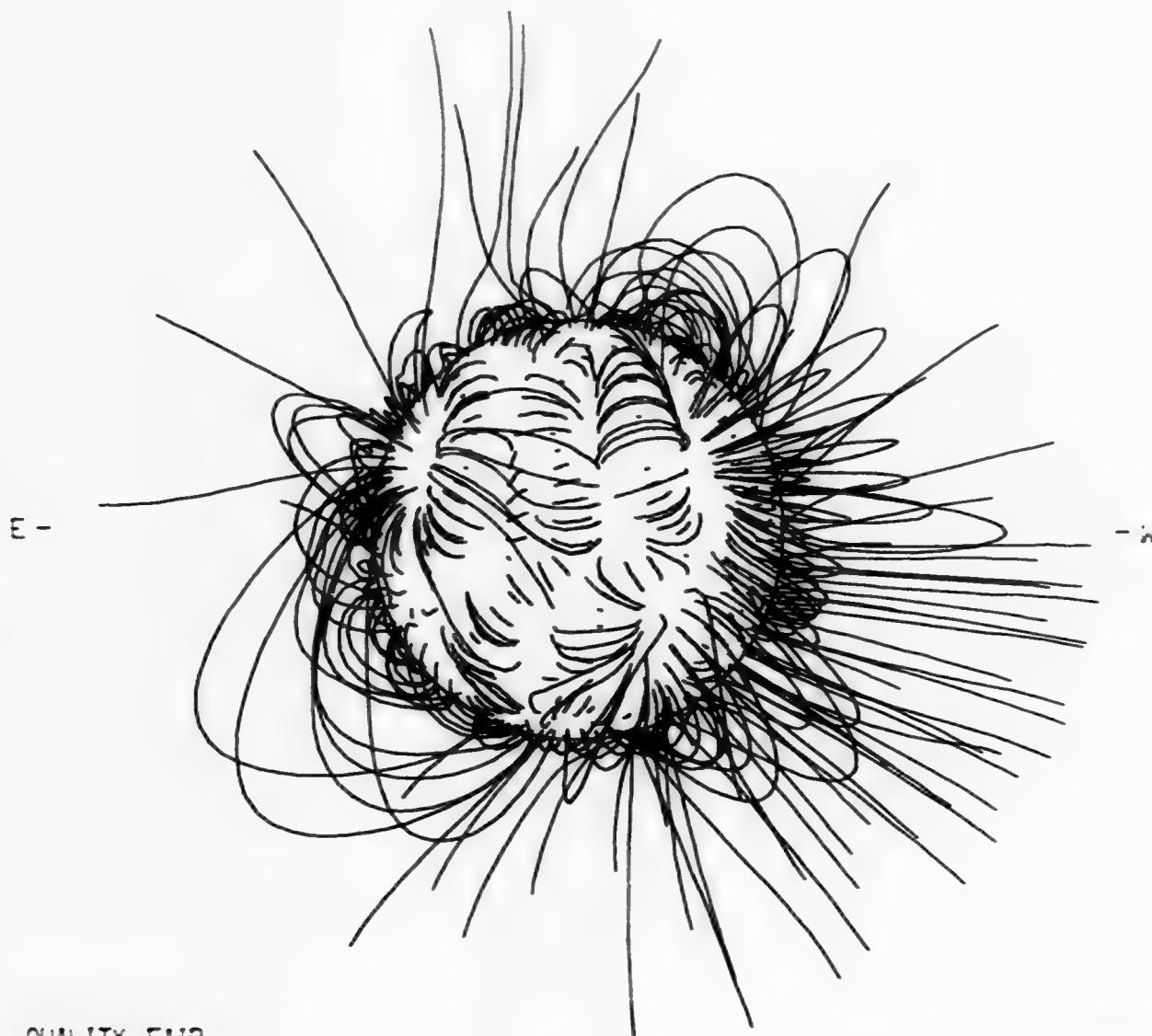
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

i
S

ROT. 1506 LONG. 210°
12.7 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

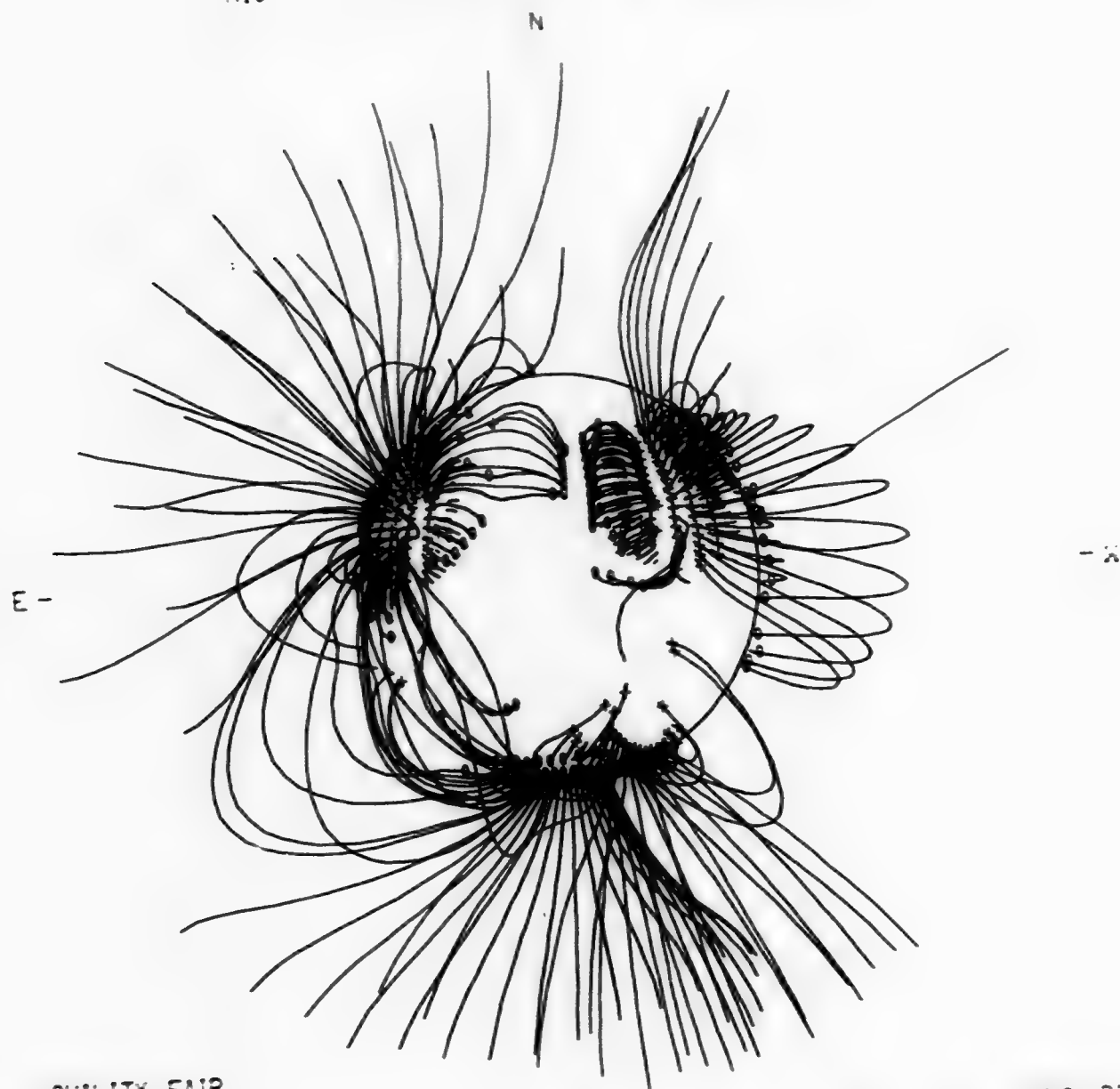


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

S

ROT. 1506 LONG. 211°
13.5 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

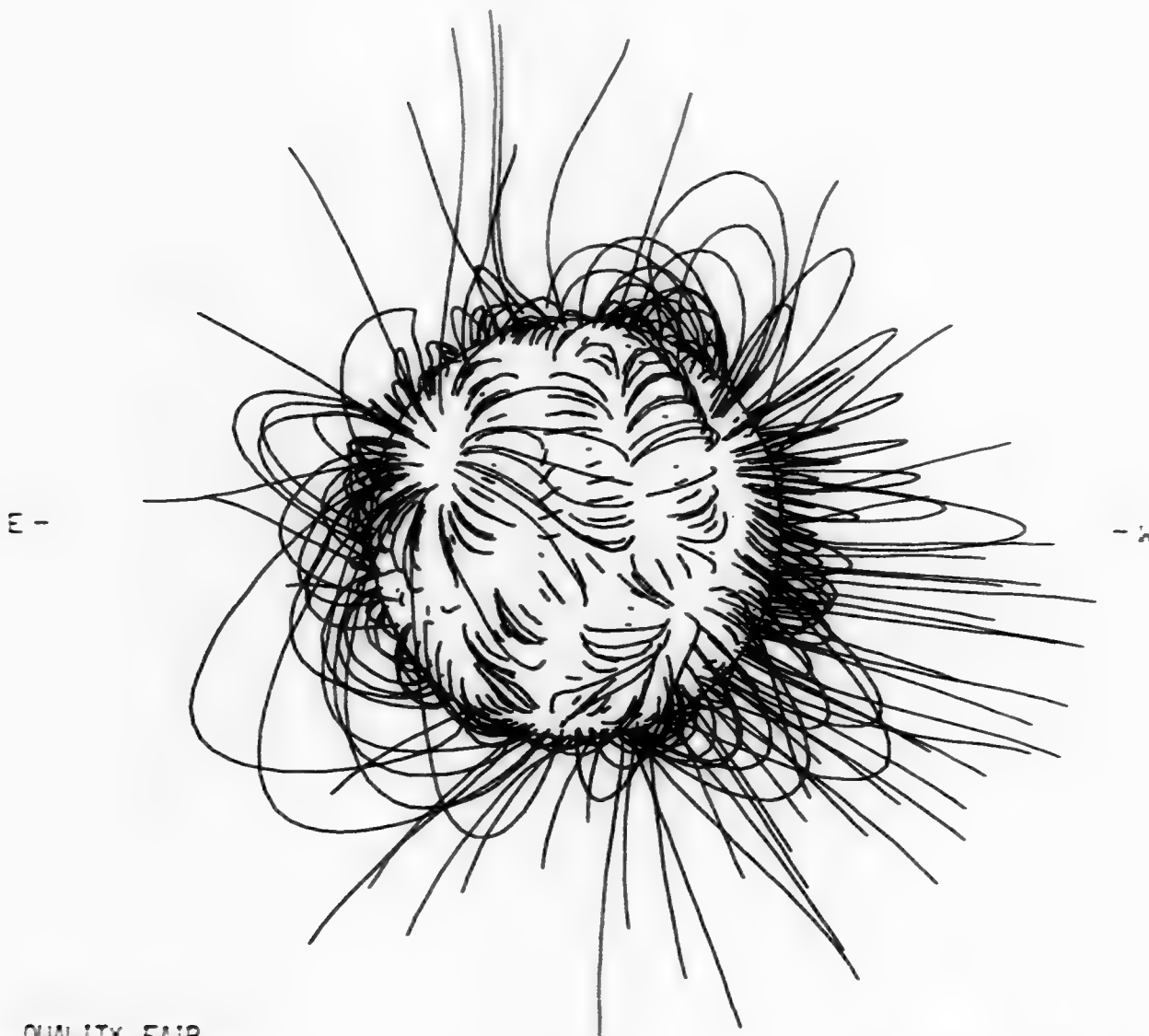


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

ROT. 1506 LONG. 200°
13.5 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

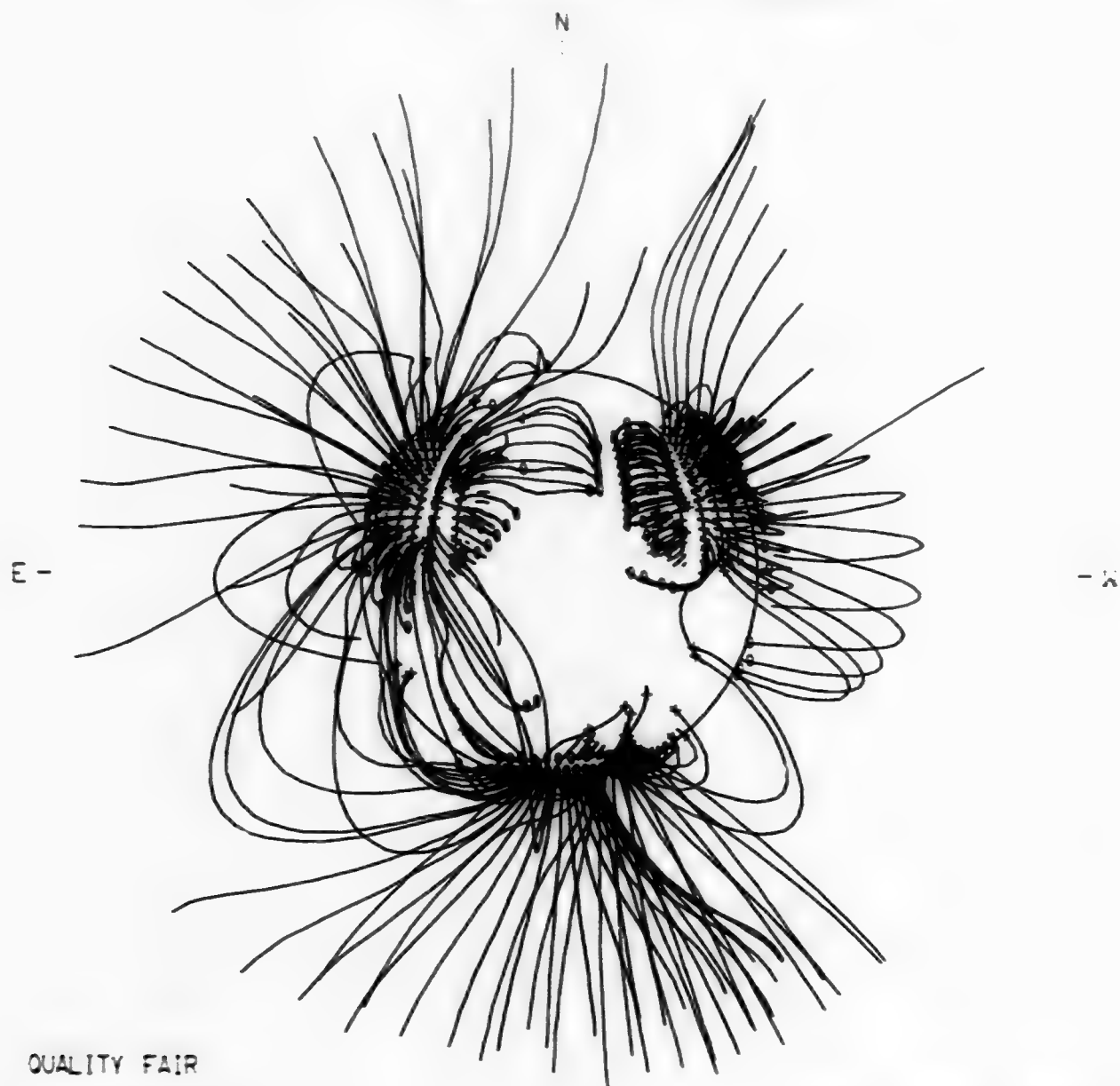


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

S

ROT. 1506 LONG. 190°
14.2 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

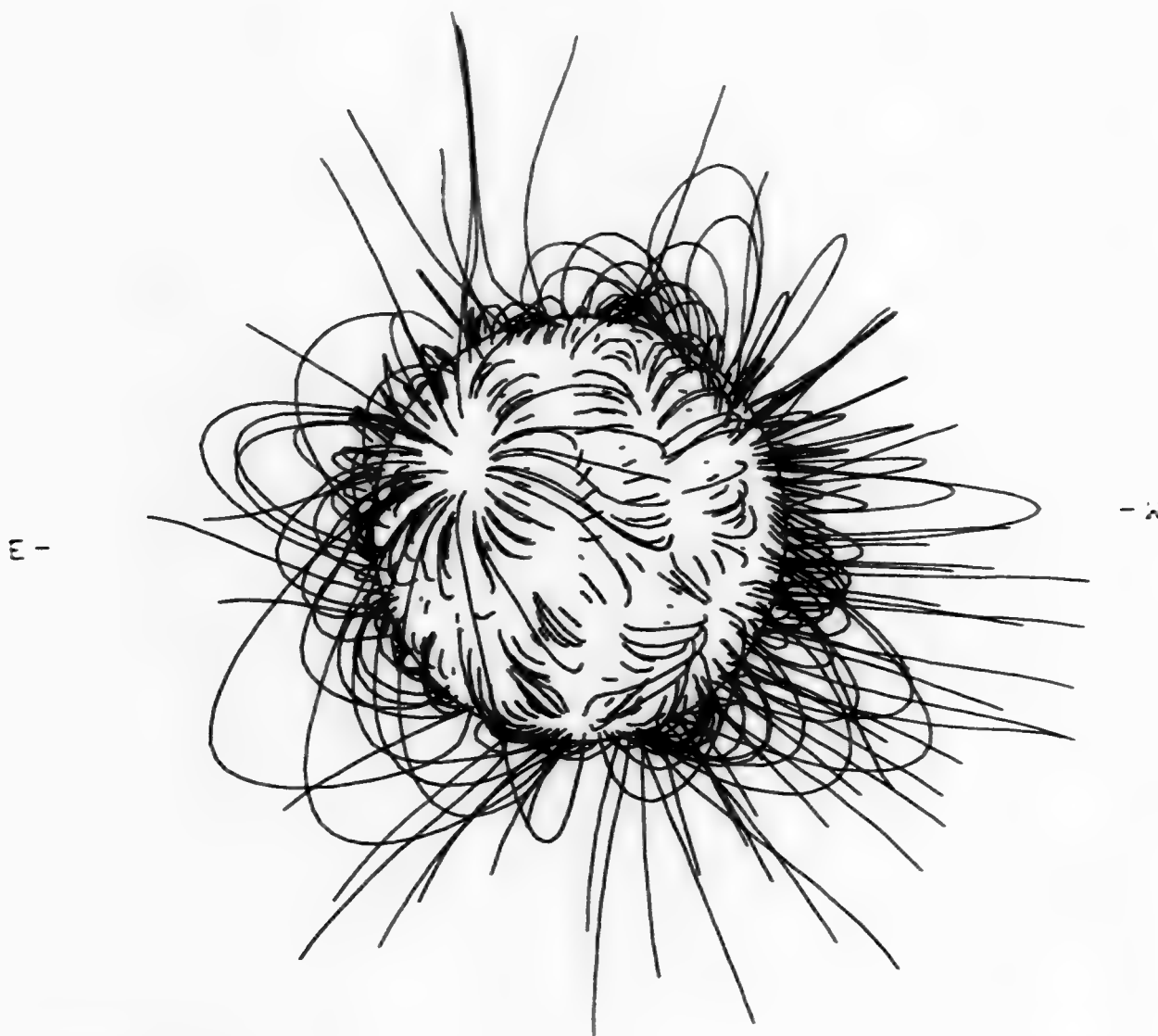


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

ROT. 1506 LONG. 190°
14.2 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

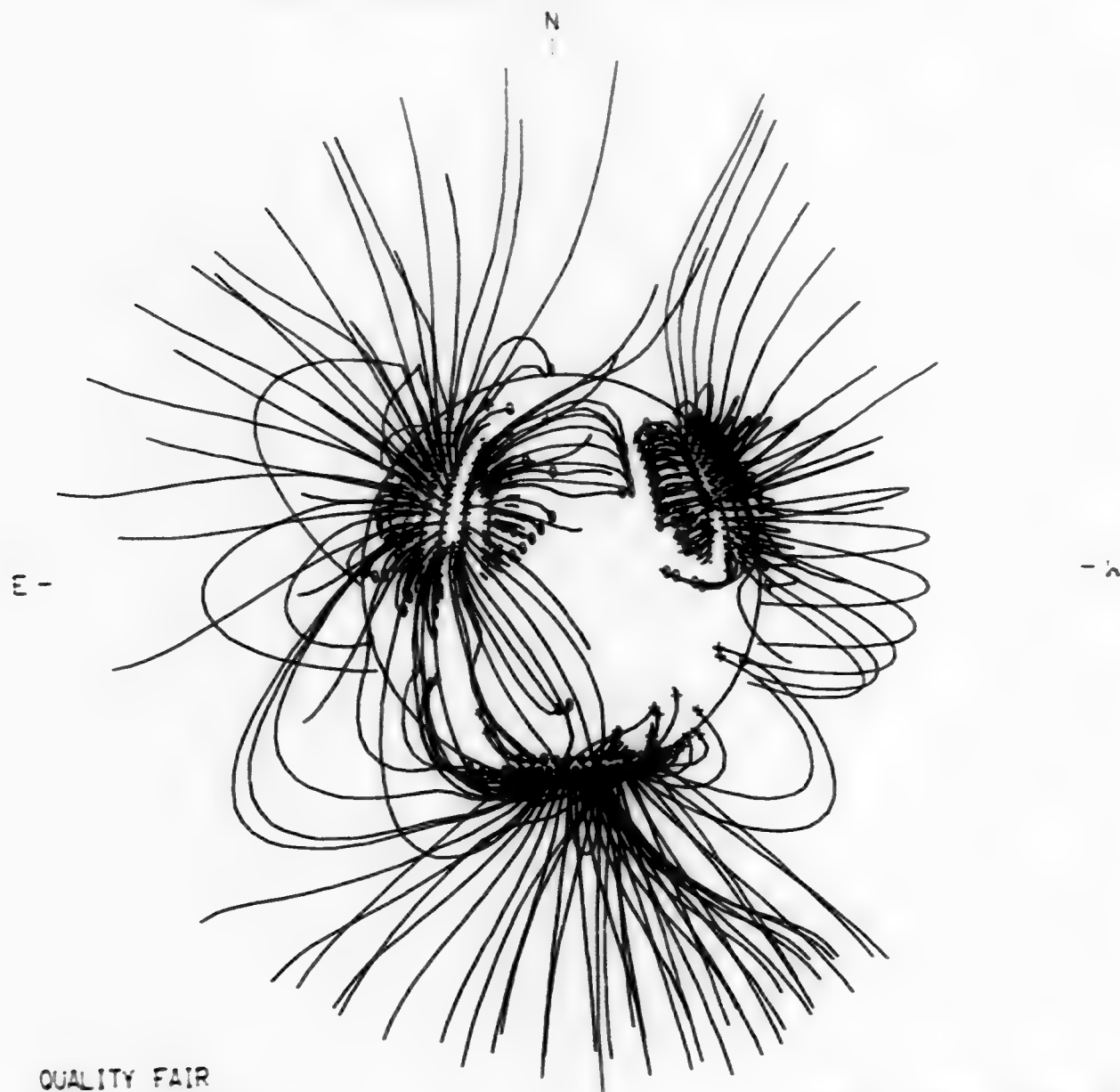


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

1
S

ROT. 1536 LONG. 180°
15.0 APR 1966

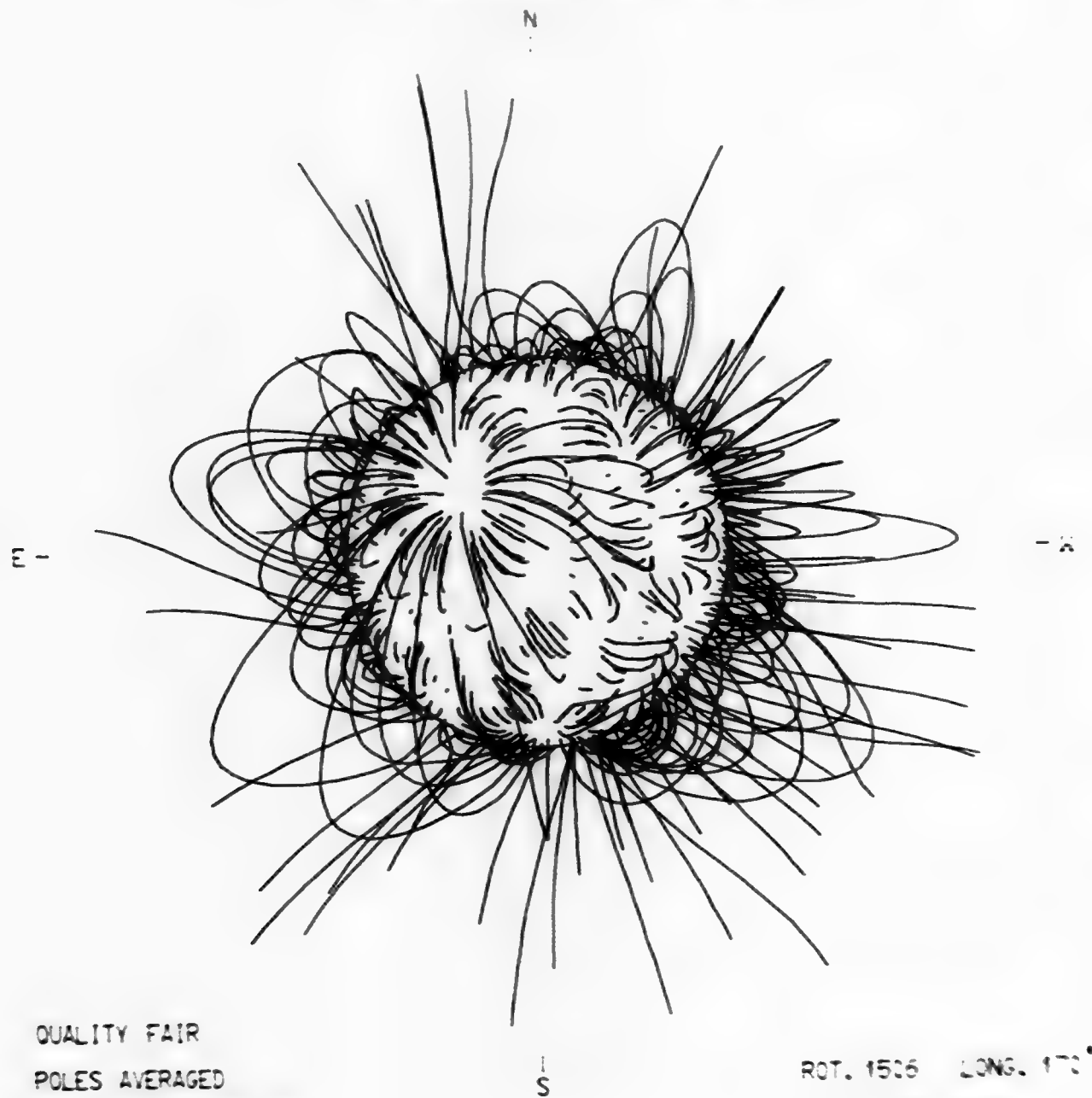
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

ROT. 1506 LONG. 180°
15.0 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

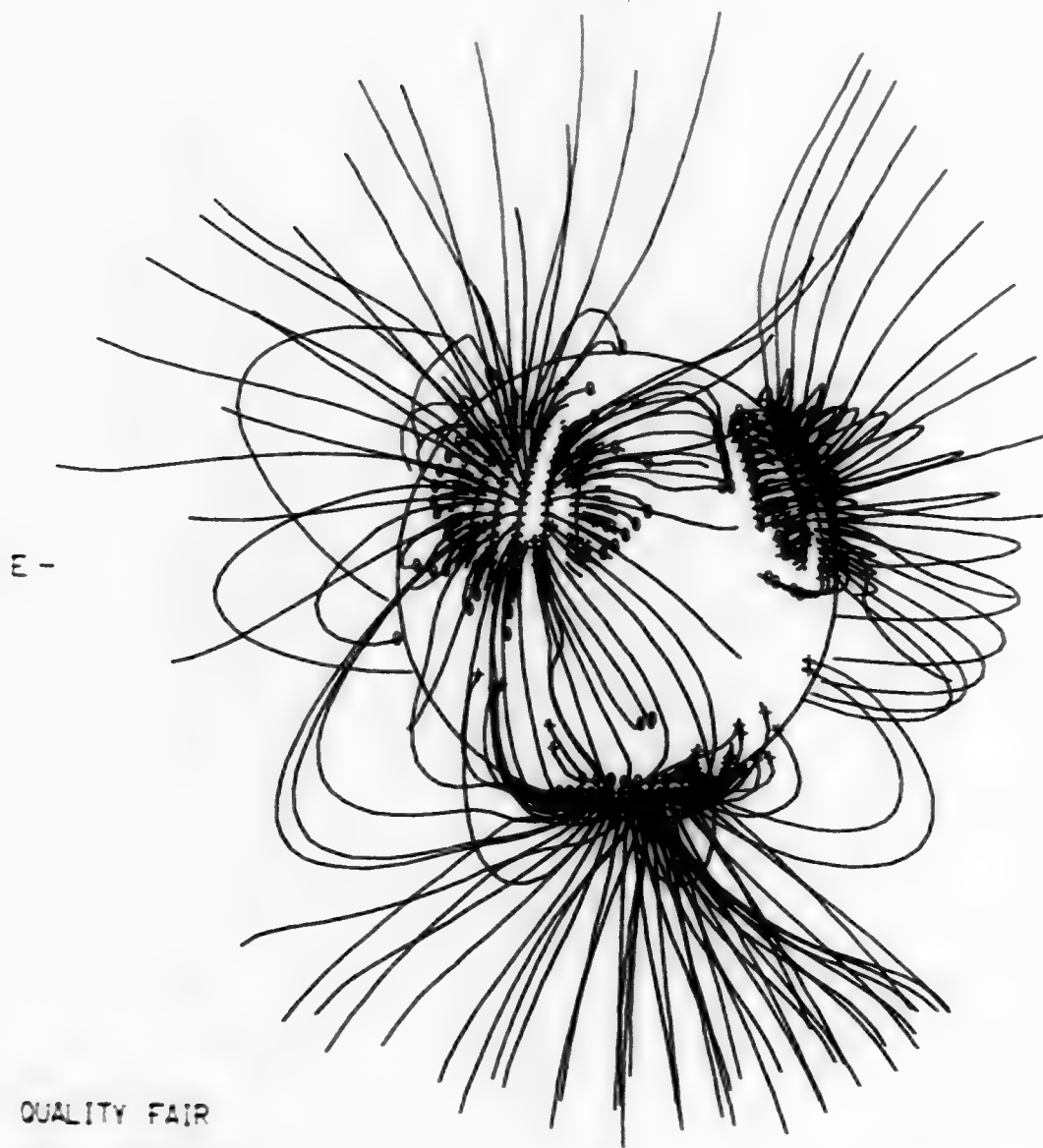


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

ROT. 1506 LONG. 170°
15.7 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1506.00

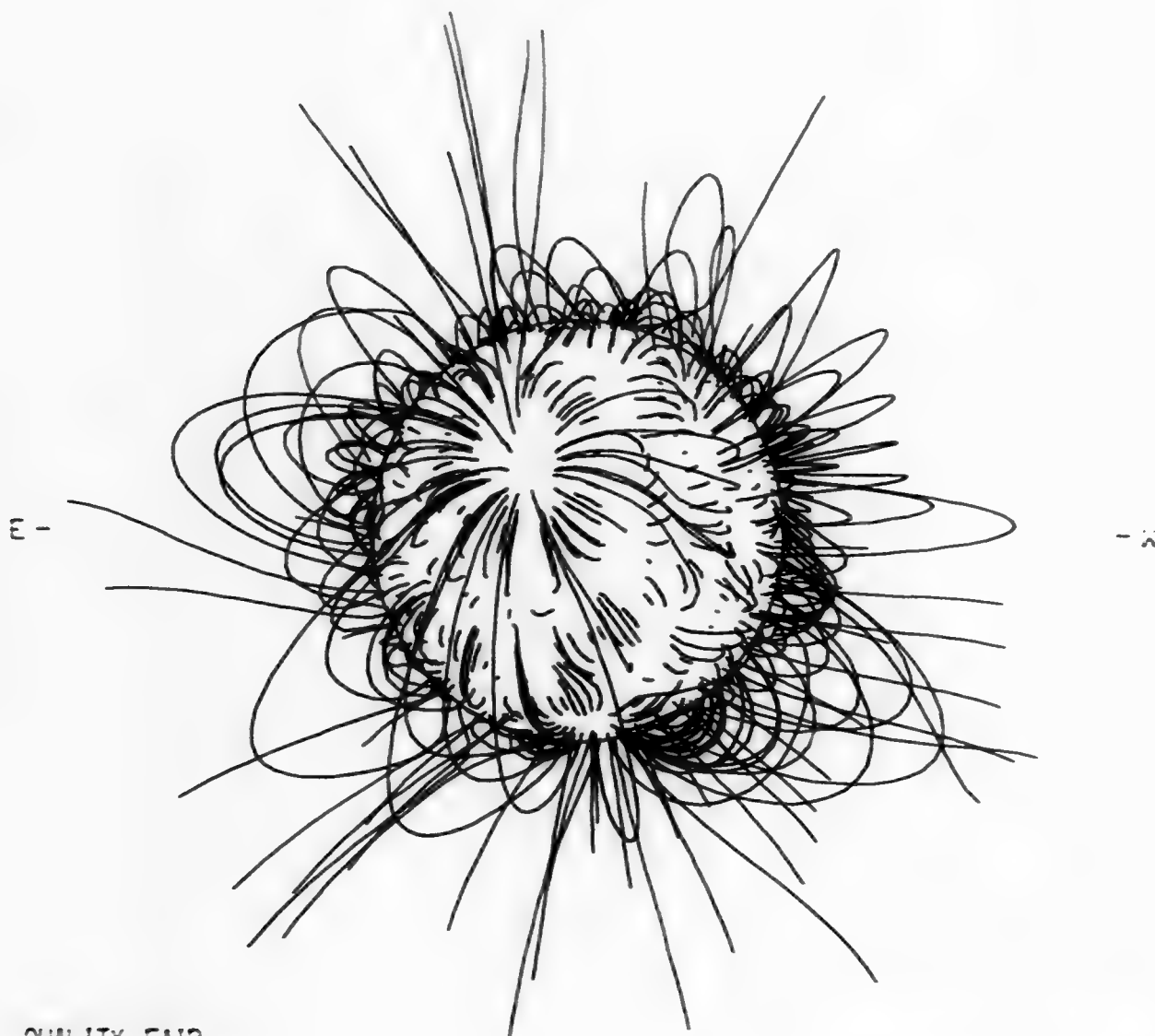
S

ROT. 1506 LONG. 170°

15.7 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



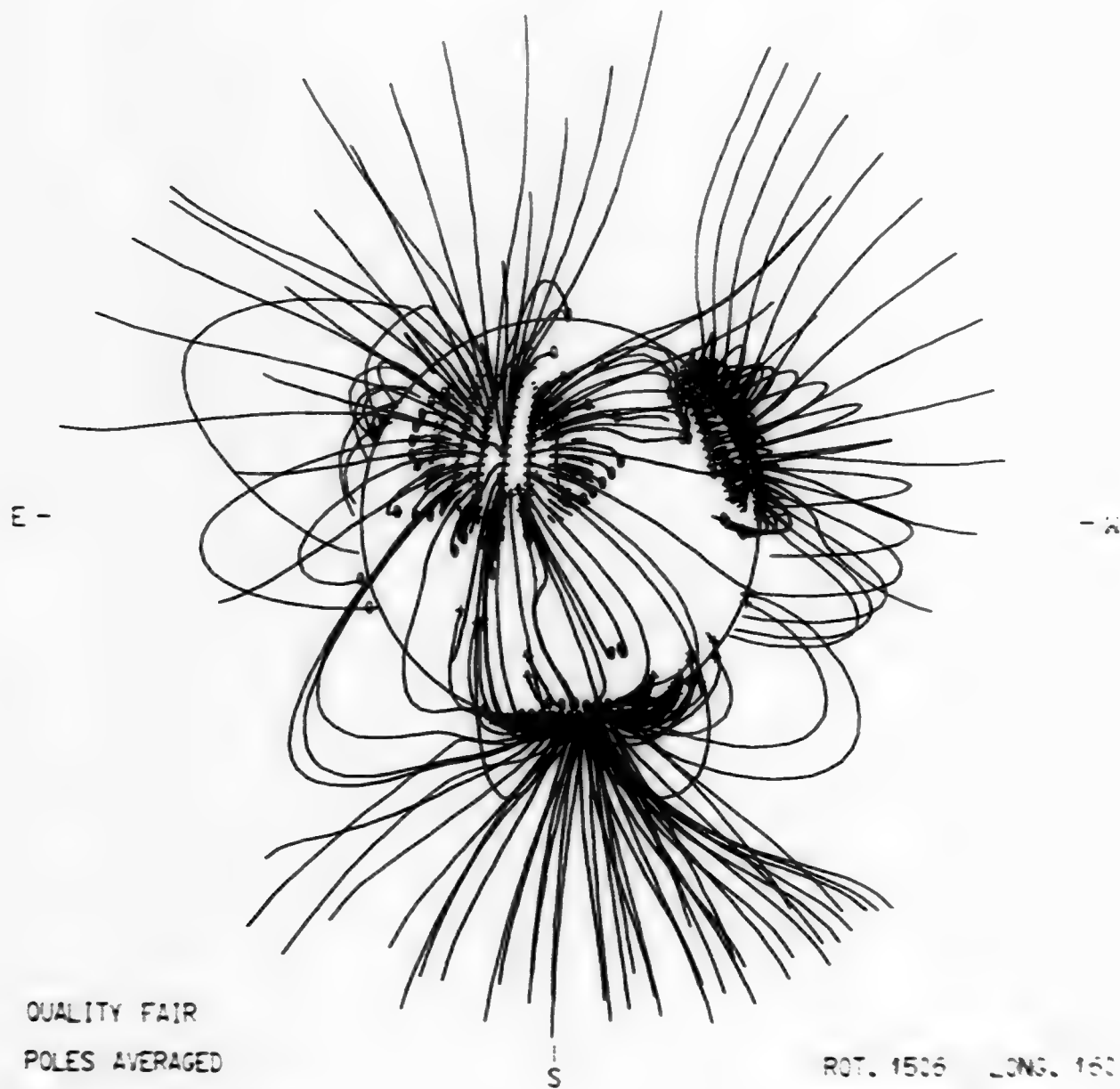
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

S

ROT. 1506 LONG. 160°
16.5 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1506.00

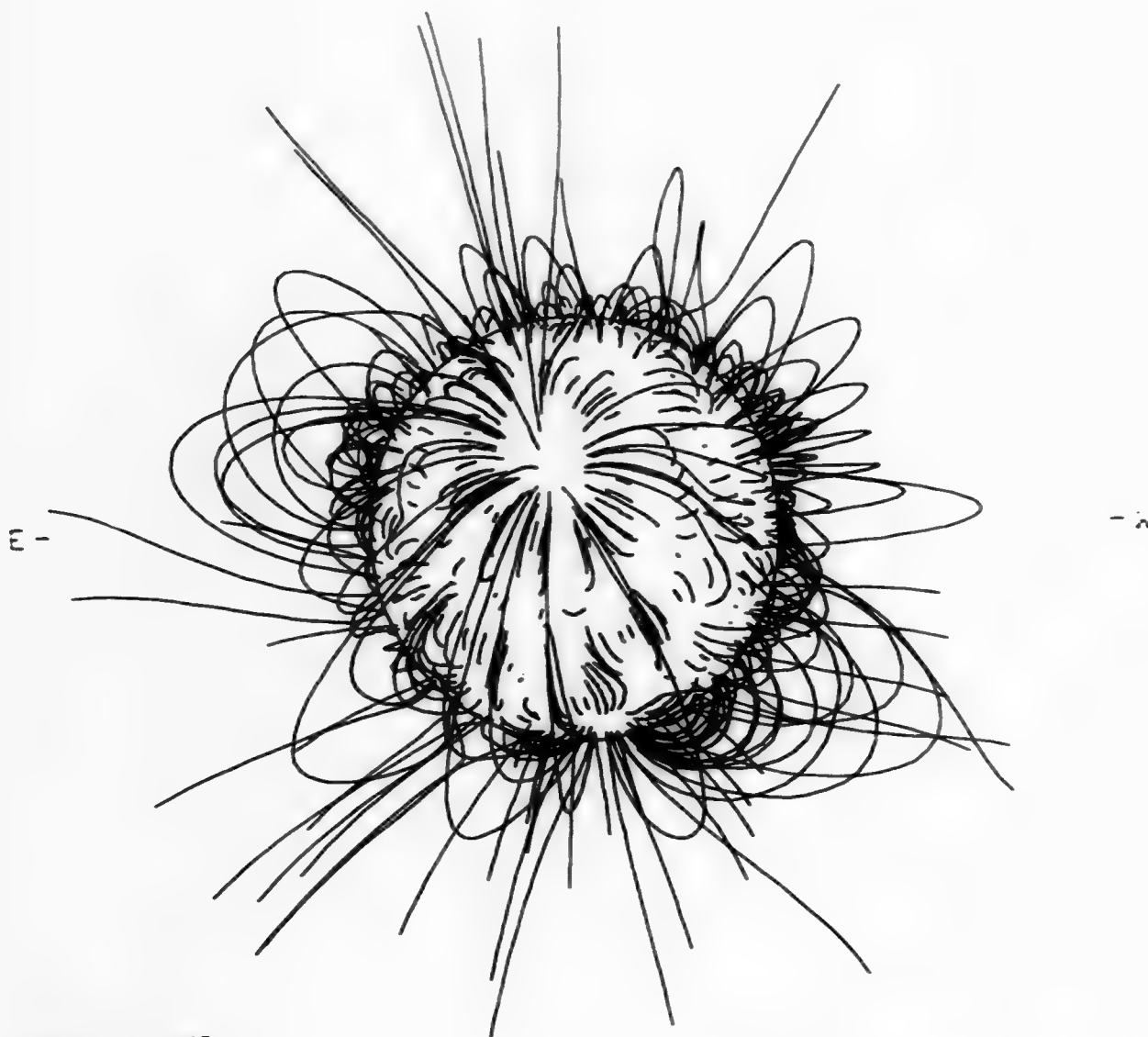
S

ROT. 1506 LONG. 160°

16.5 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

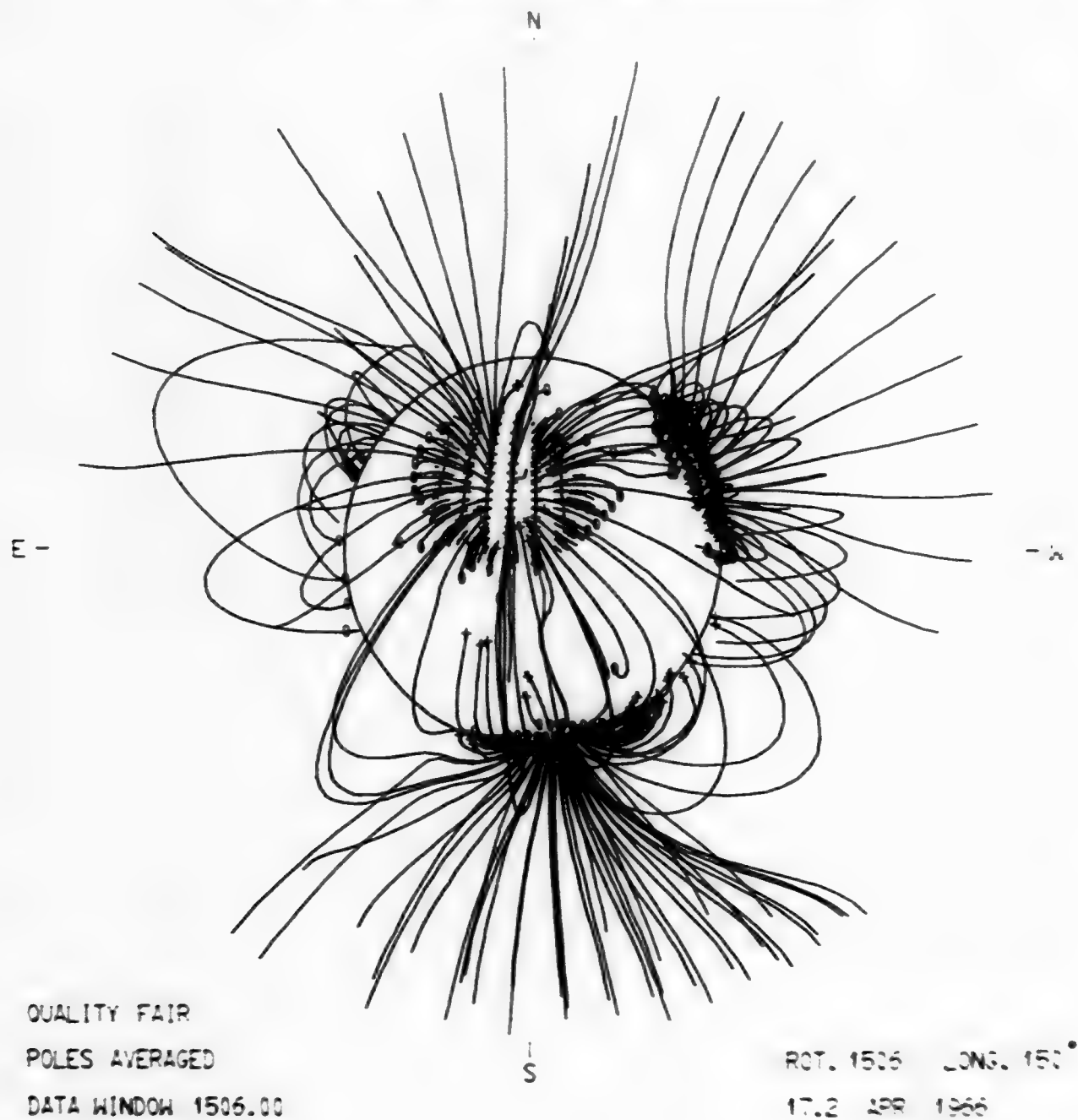


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

S

ROT. 1506 LONG. 150°
17.2 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

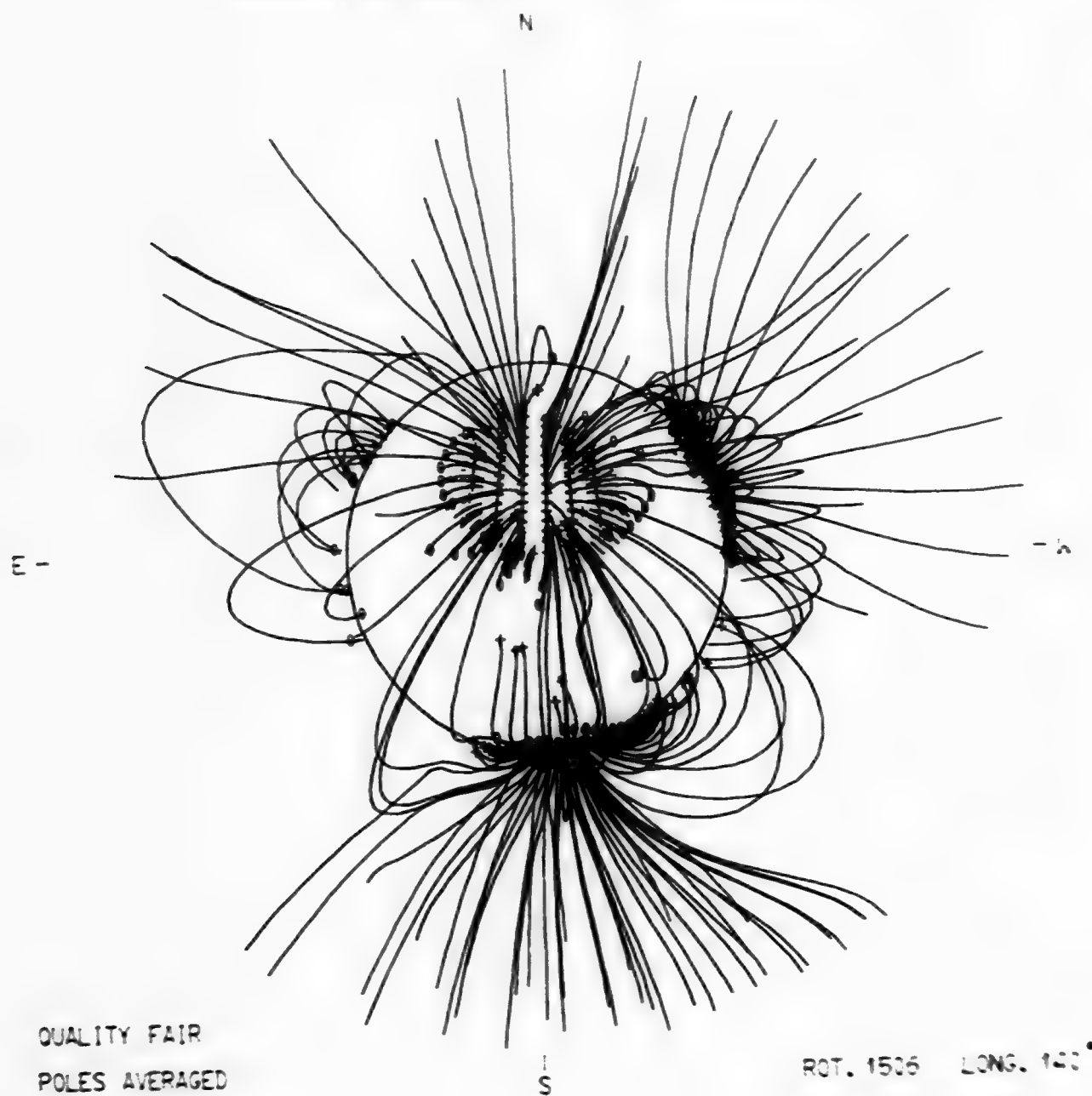


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

S

ROT. 1506 LONG. 140°
18.0 APR 1966

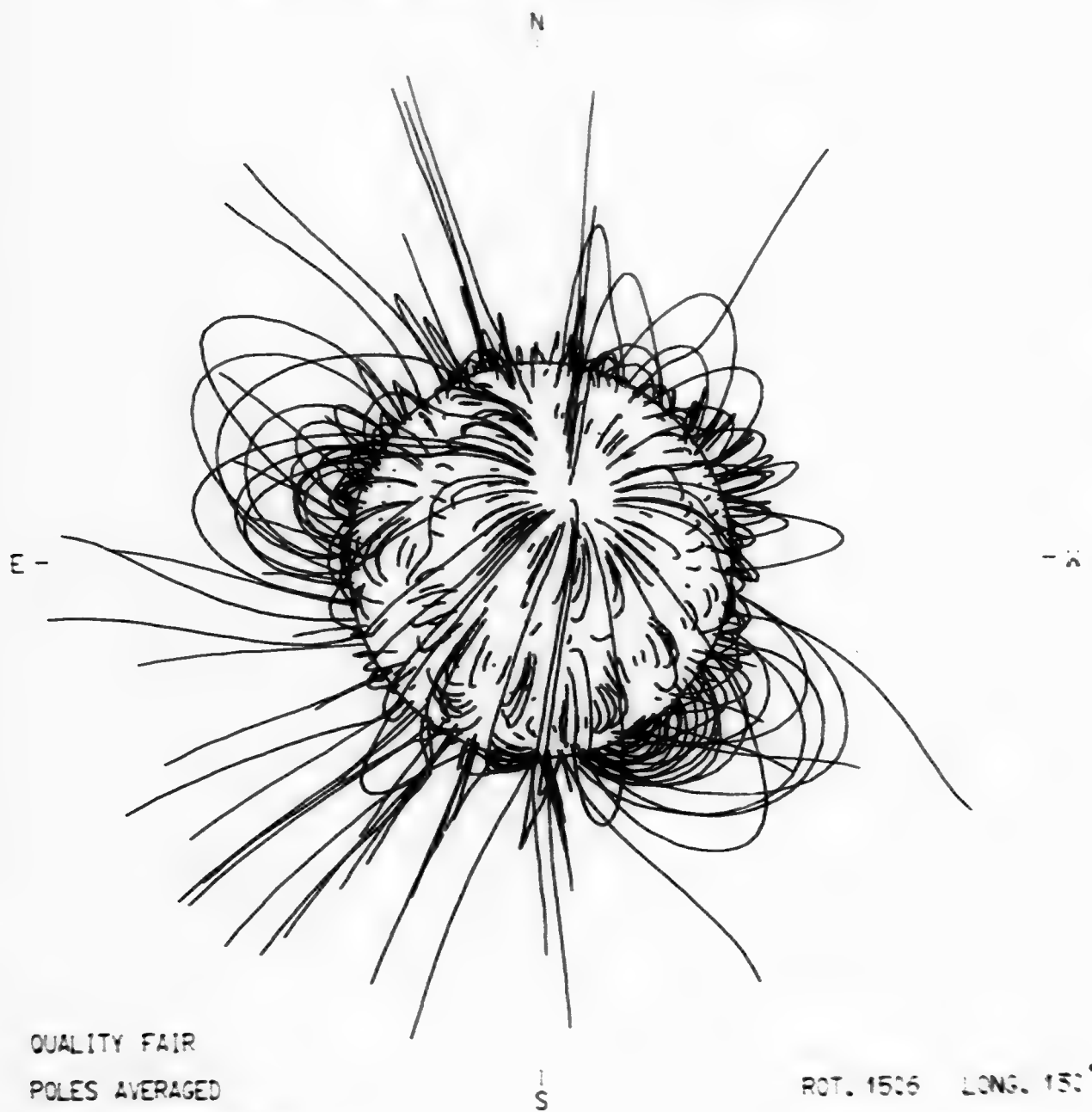
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

ROT. 1506 LONG. 140°
18.0 APR 1966

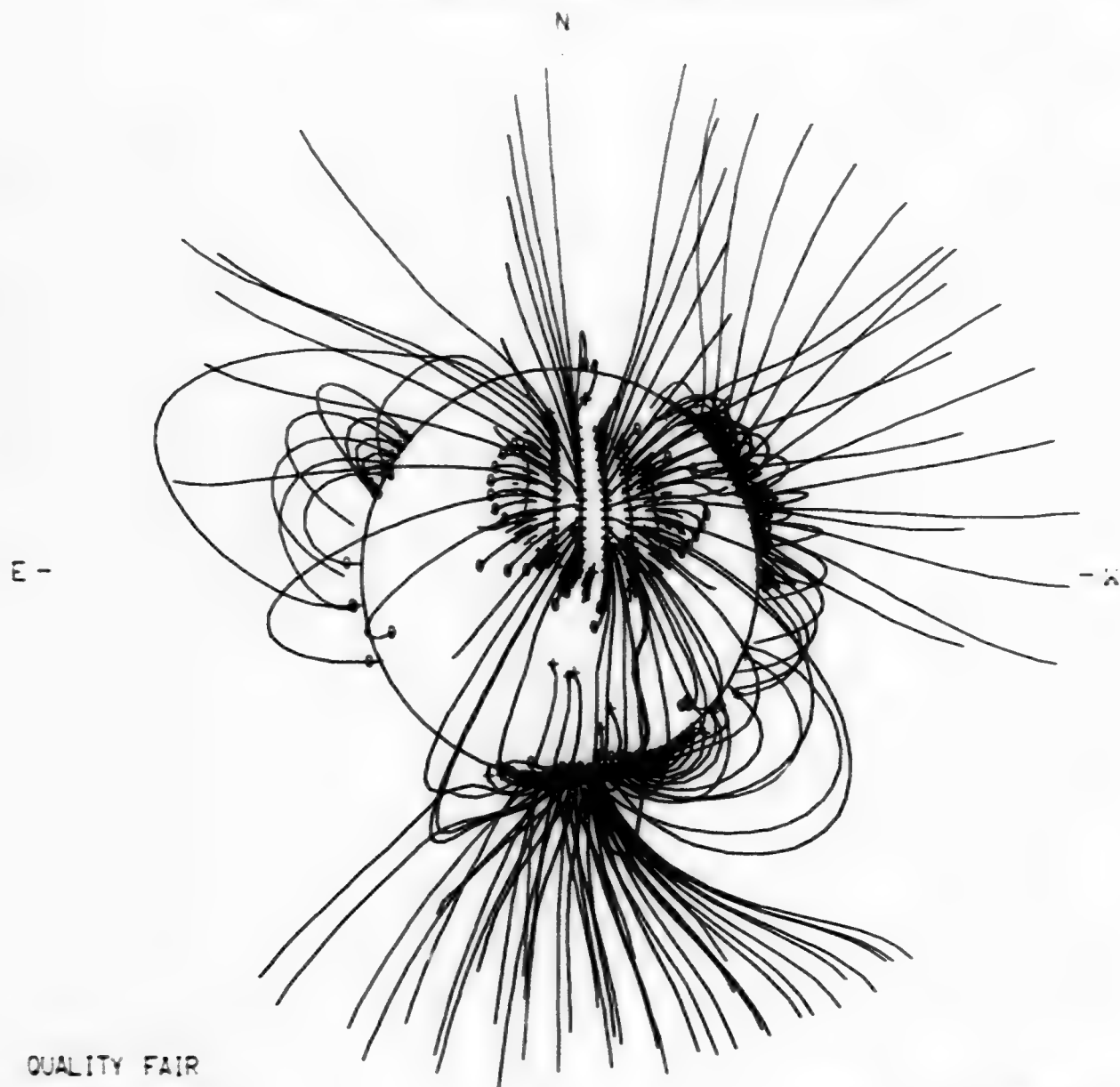
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

ROT. 1506 LONG. 150°
18.8 APR 1966

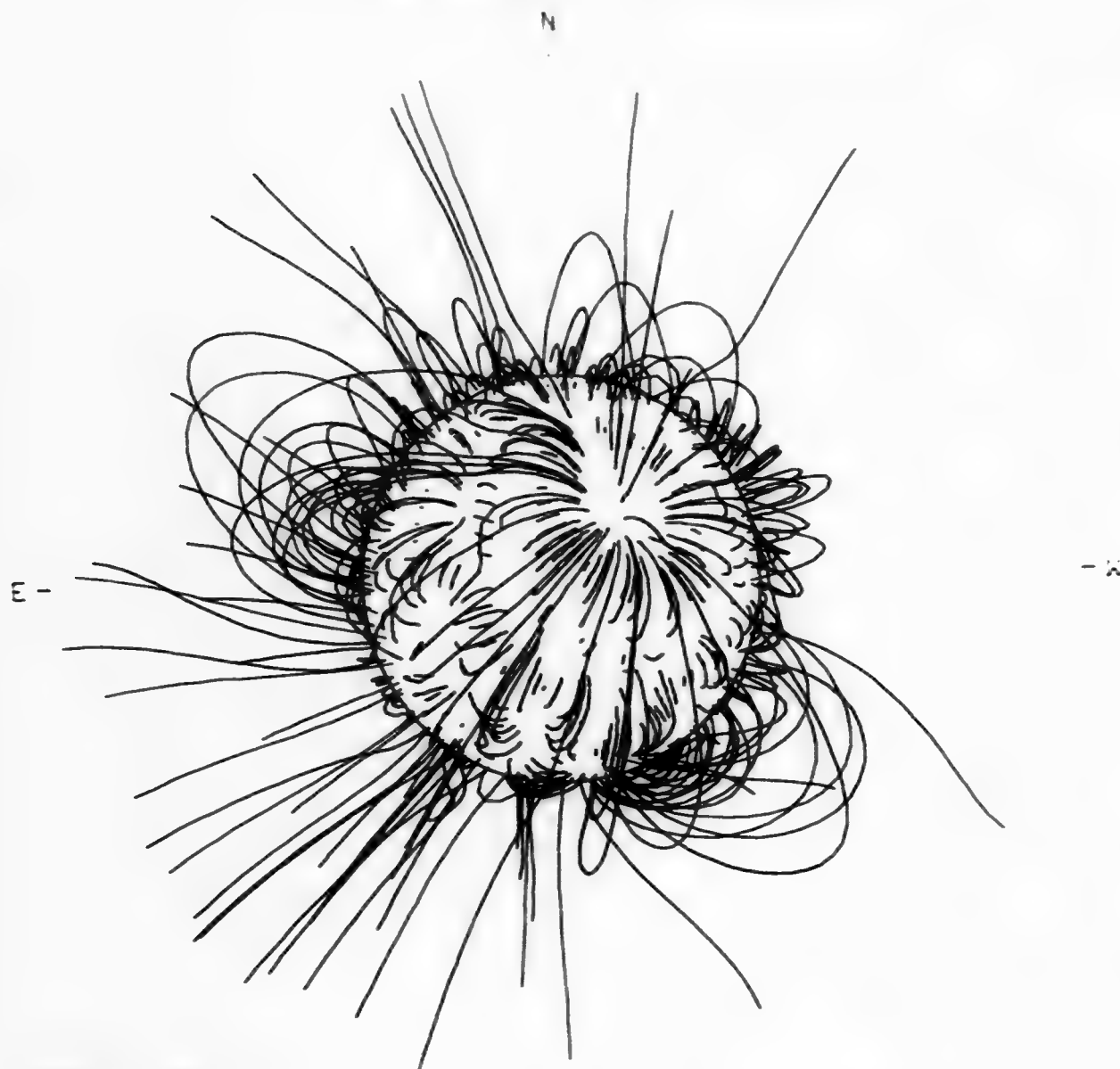
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

ROT. 1506 LONG. 150°
18.8 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

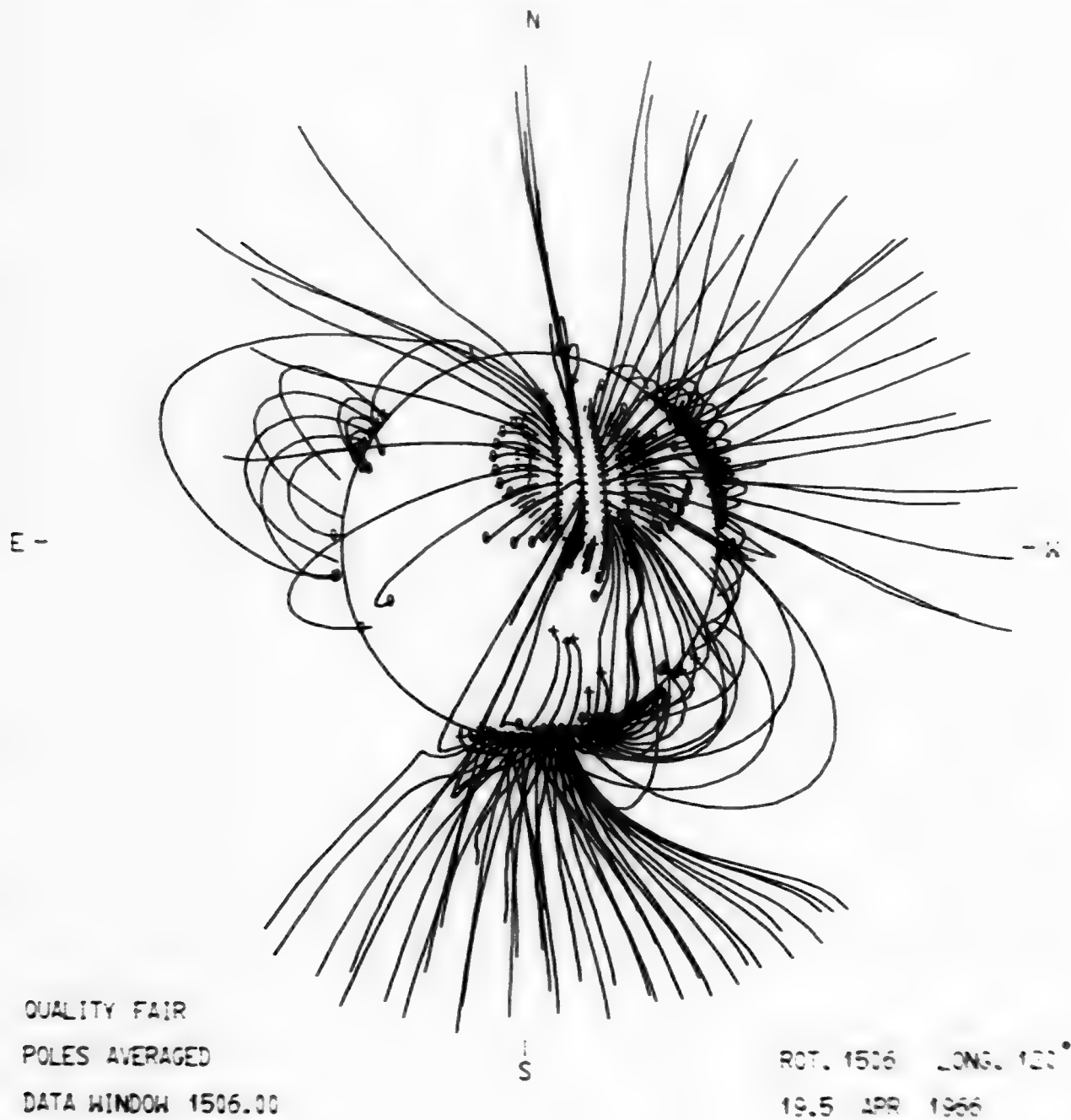


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

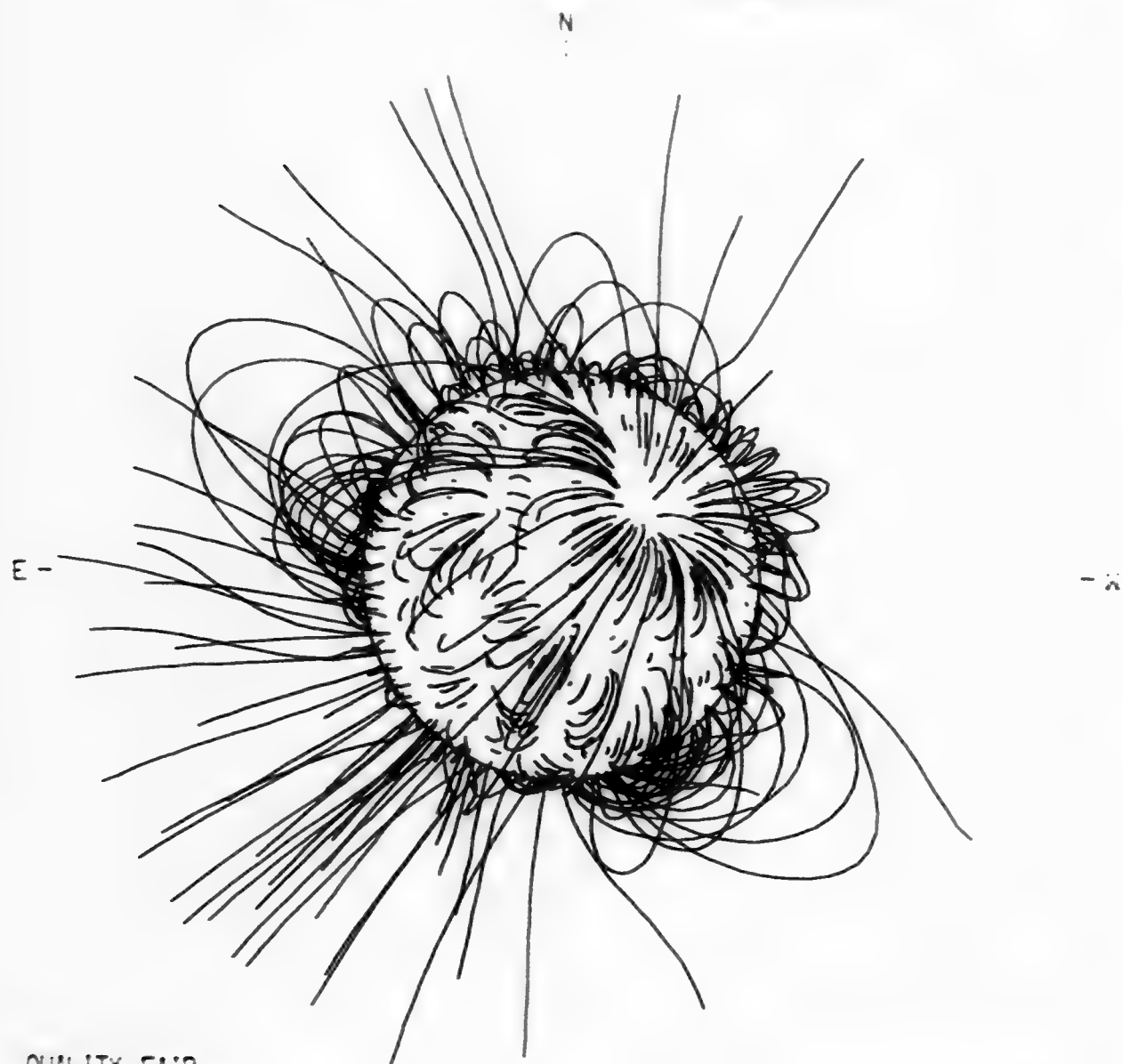
S

ROT. 1506 LONG. 100°
19.5 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



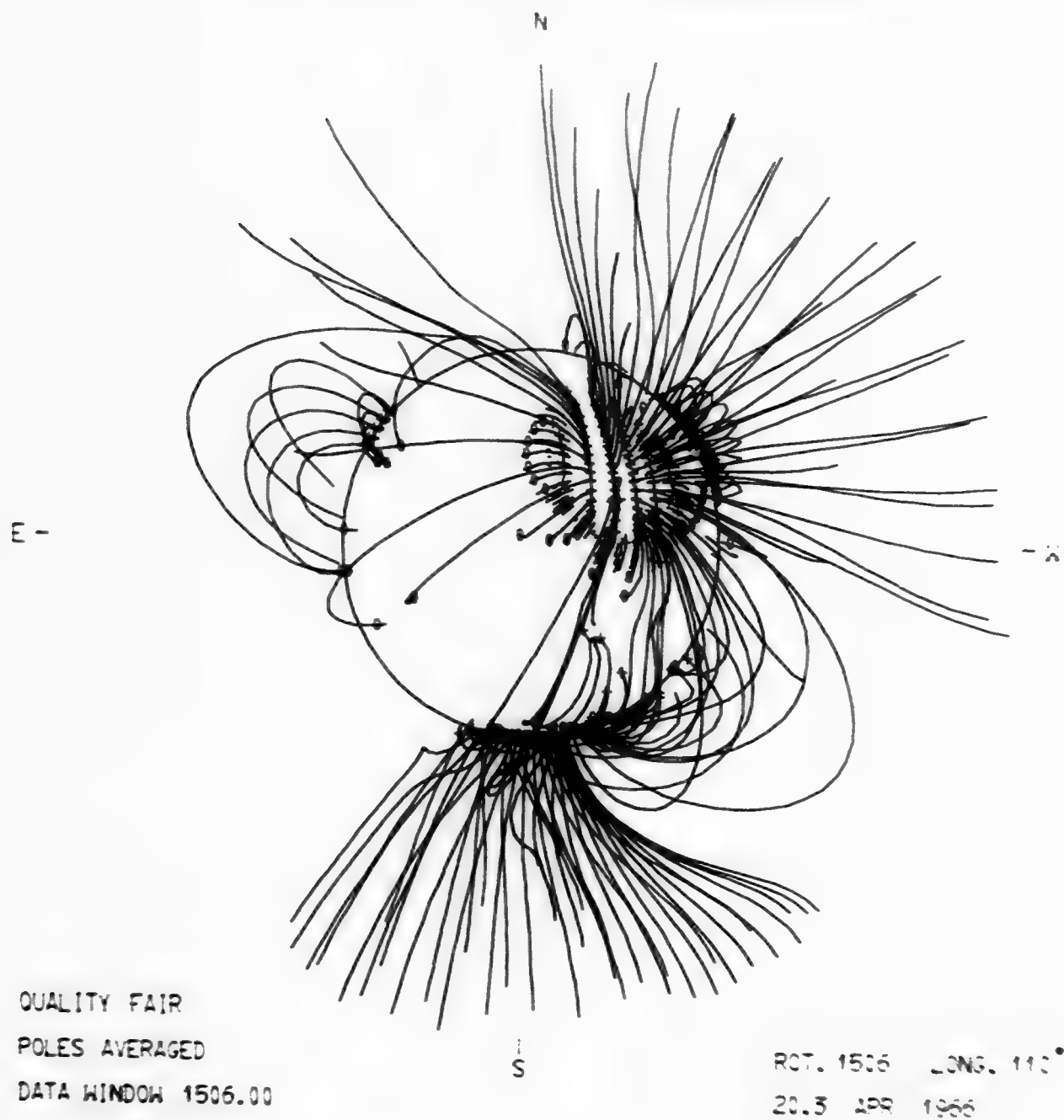
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



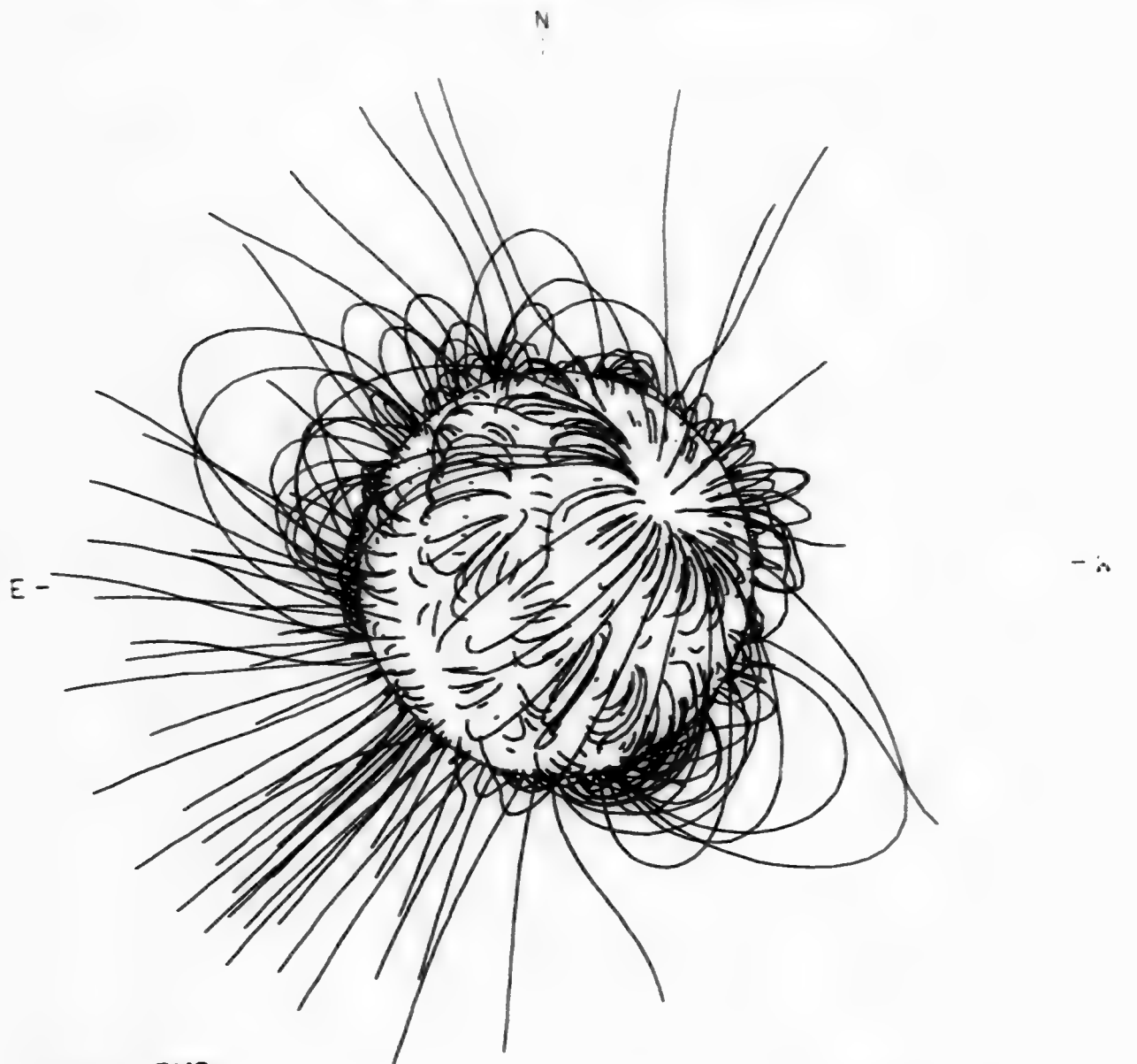
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

ROT. 1506 LONG. 111°
20.3 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

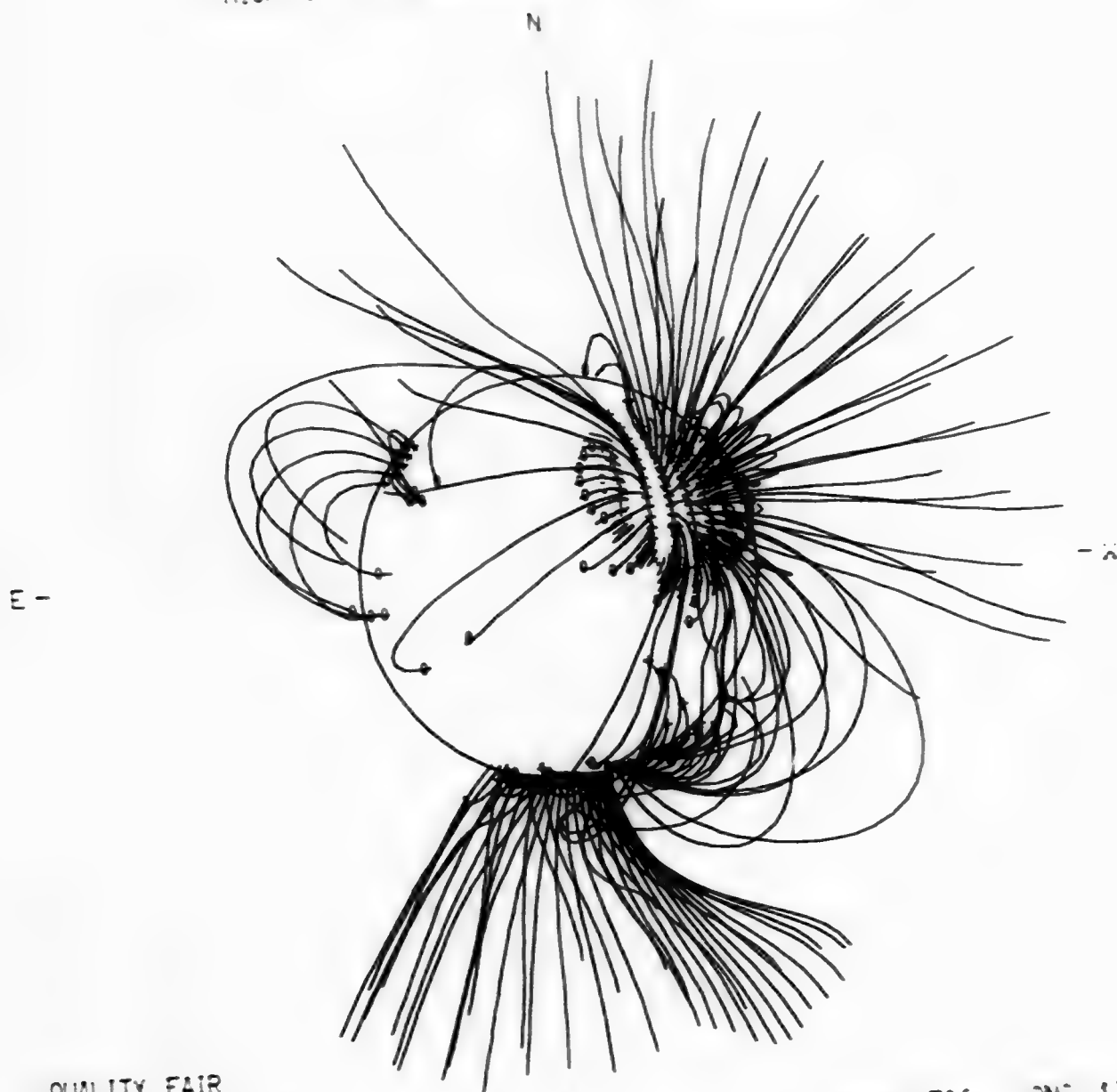


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

1
S

ROT. 1506 LONG. 100°
21.0 APR 1966

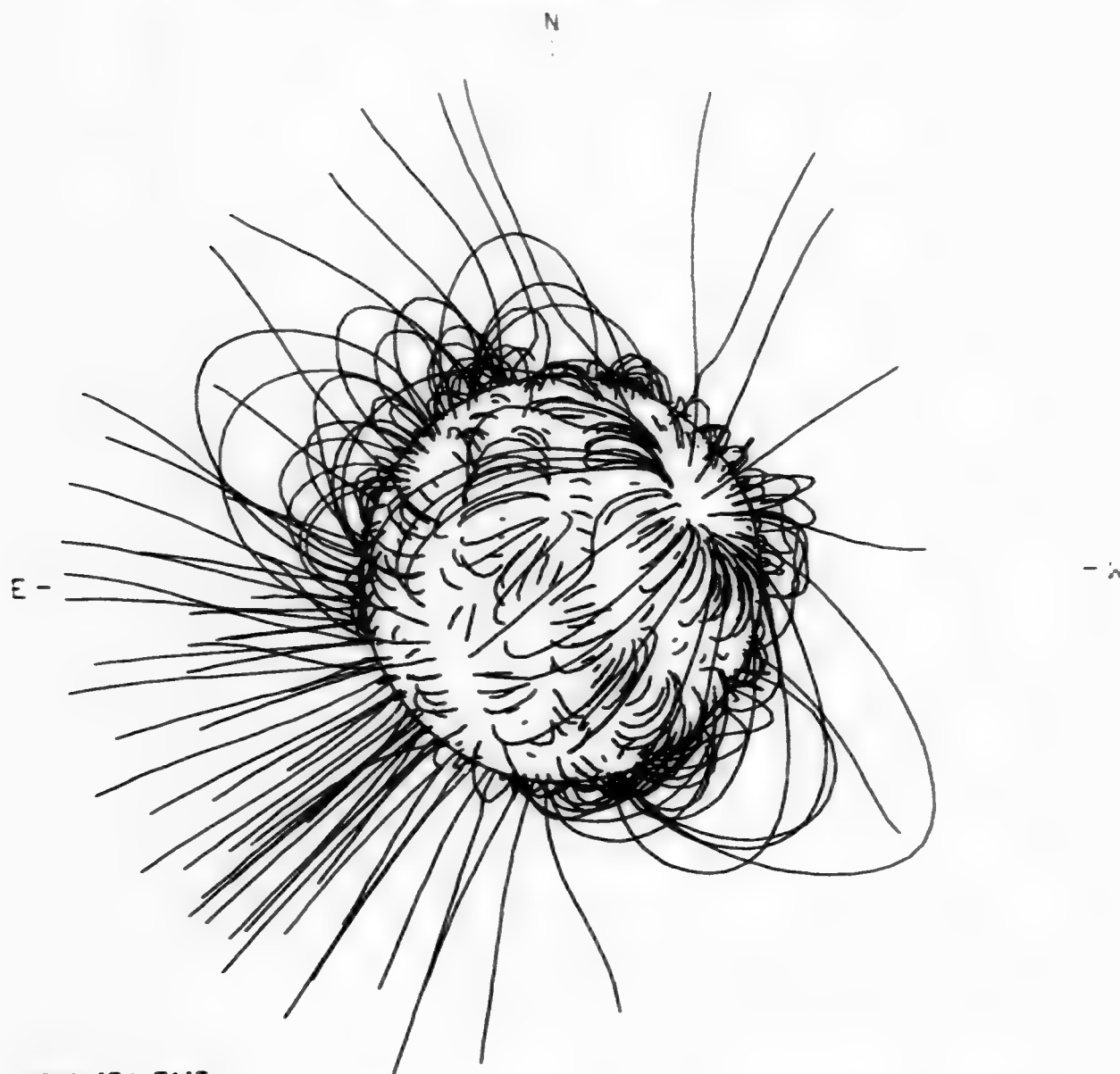
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

ROT. 1506 LONG. 100°
21.0 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

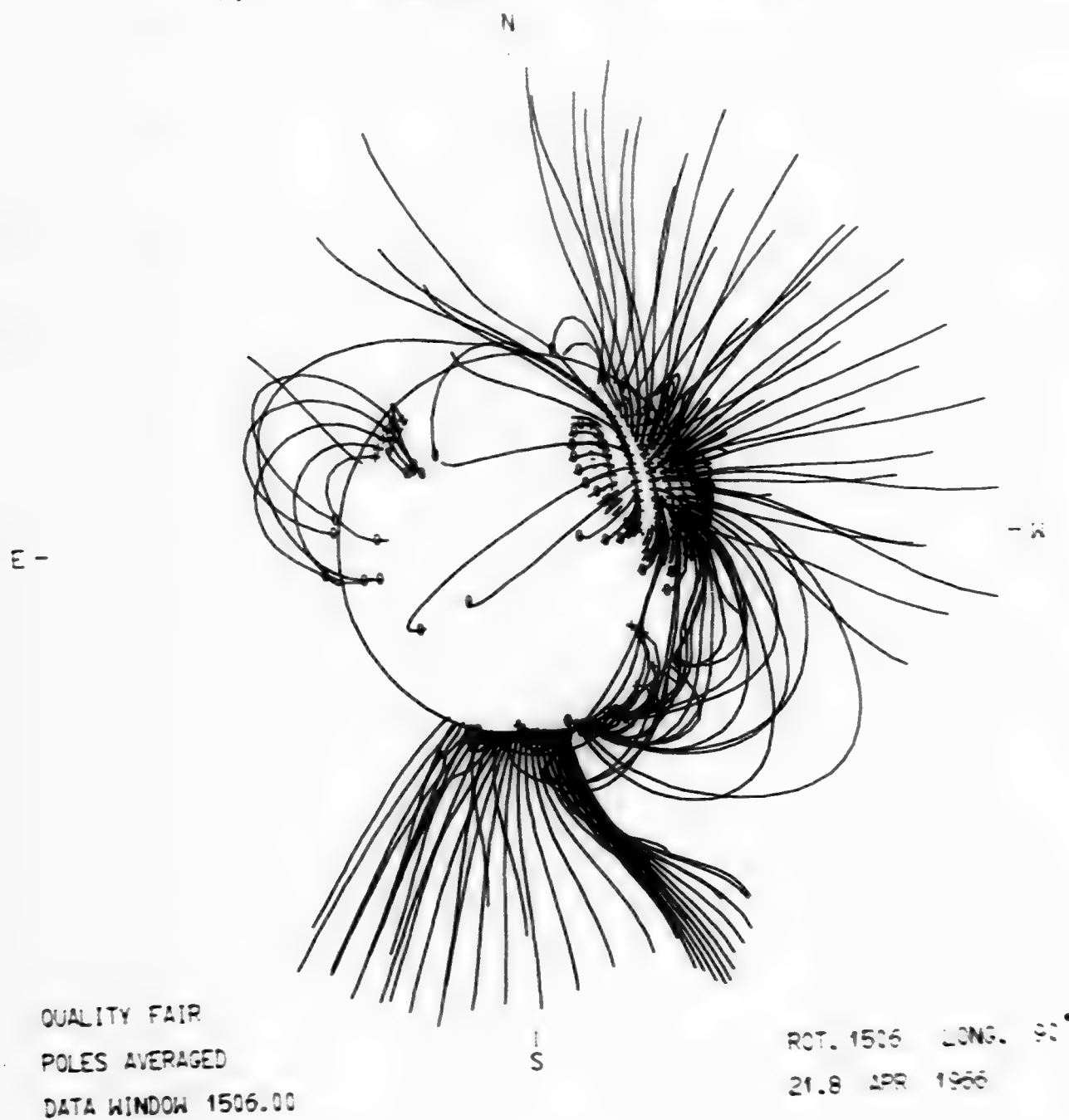


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.00

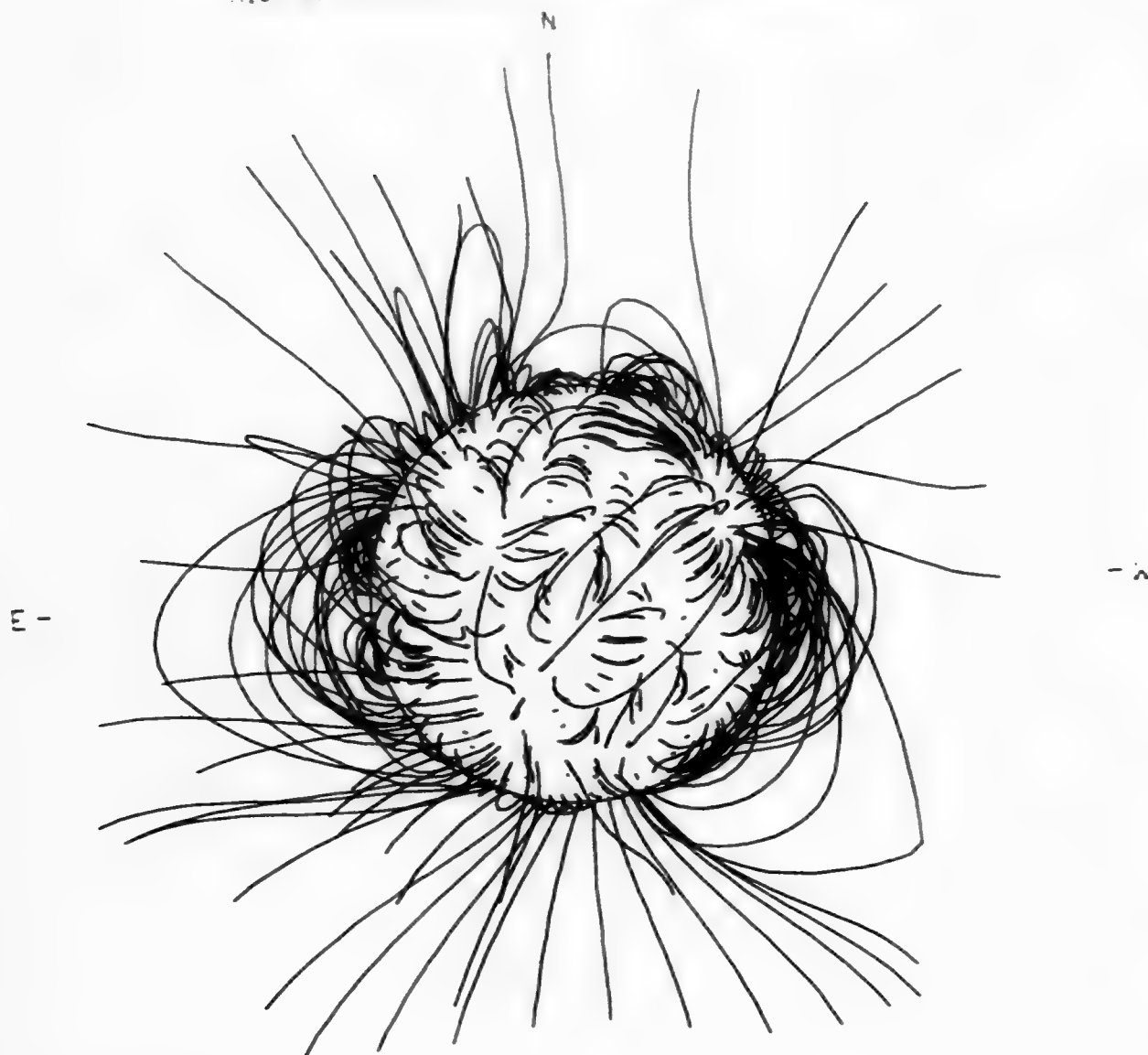
S

ROT. 1506 LONG. 90°
21.8 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

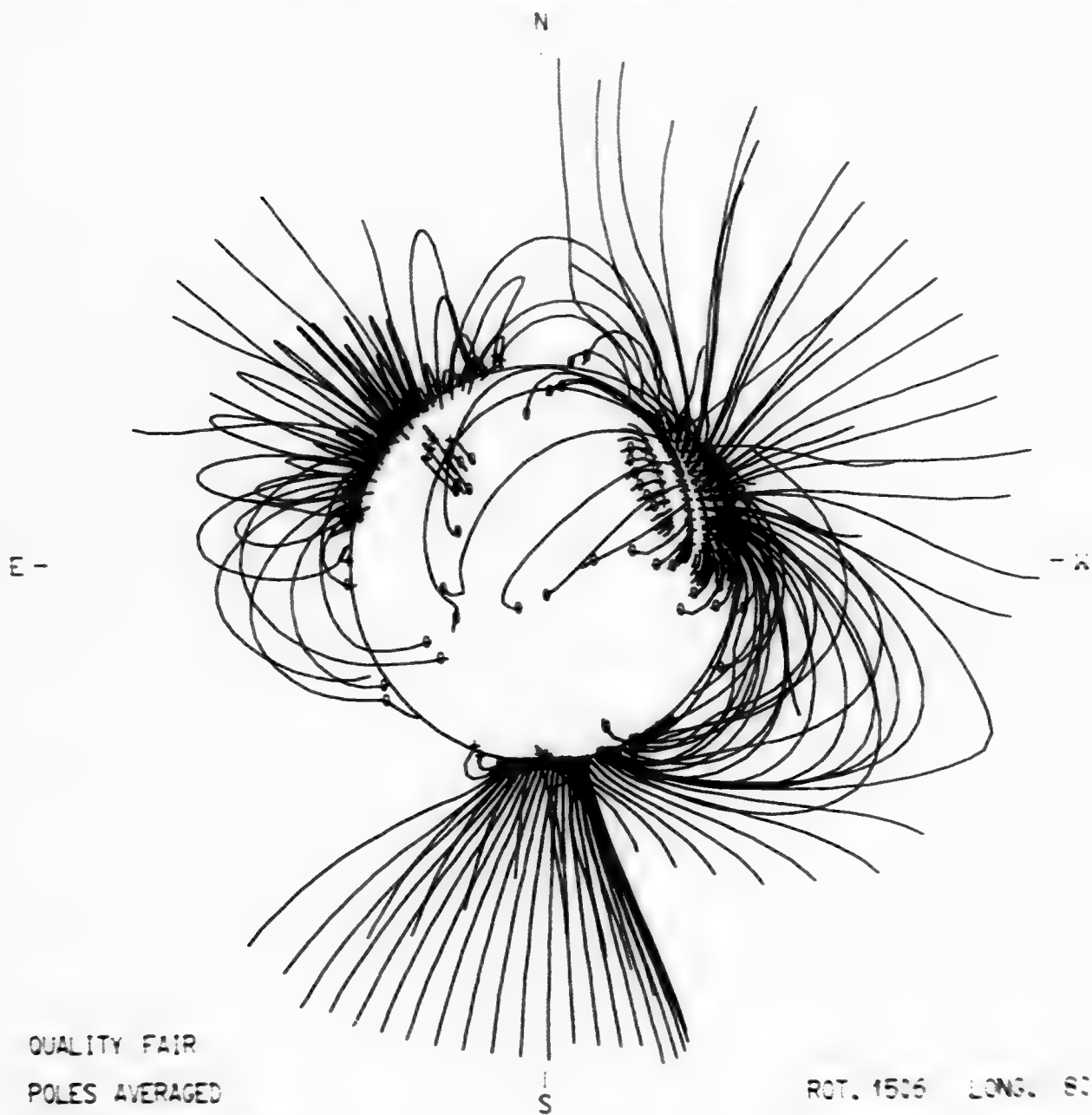


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

S

ROT. 1506 LONG. 80°
22.5 APR 1966

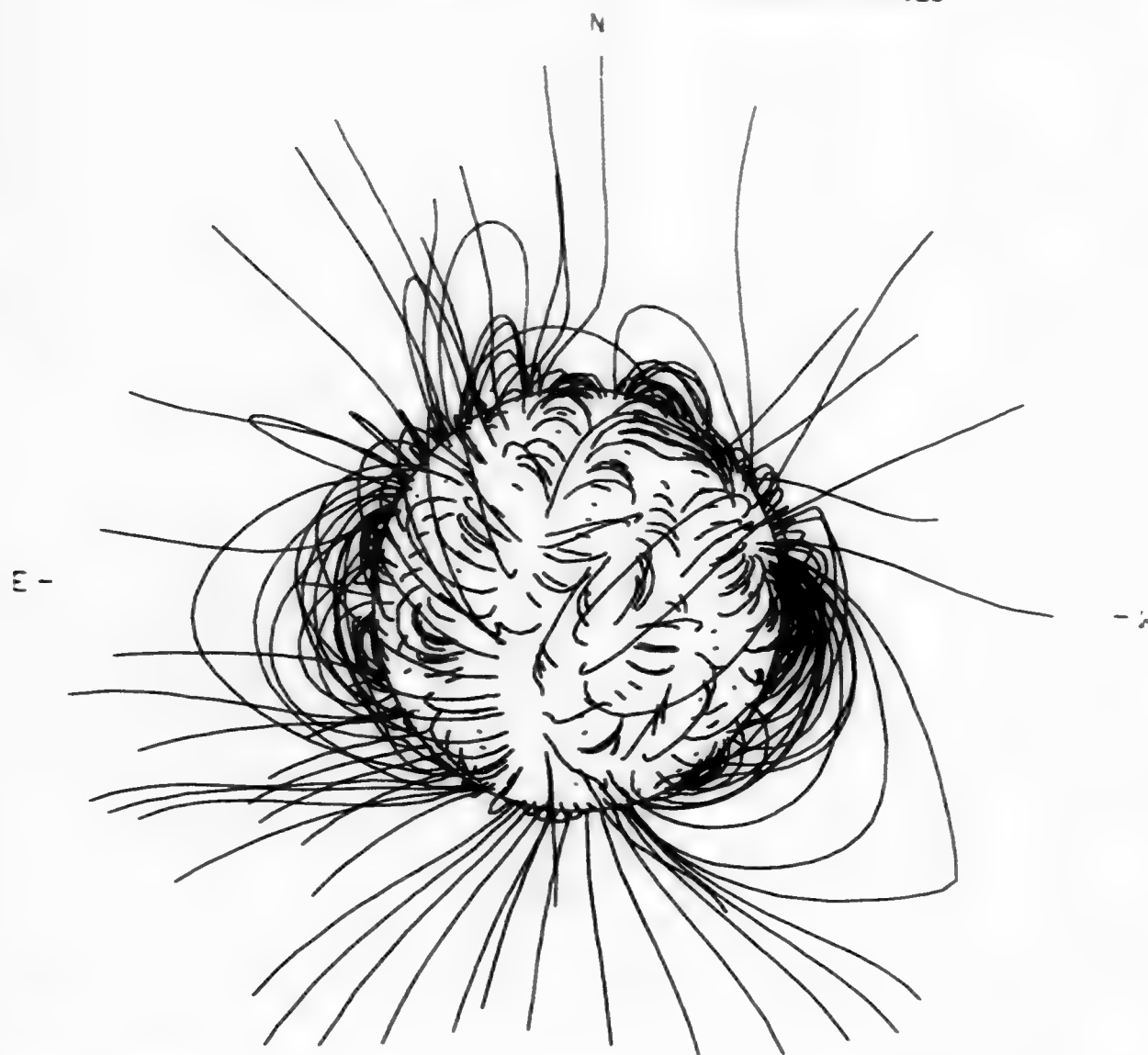
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

ROT. 1506 LONG. 80°
22.5 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

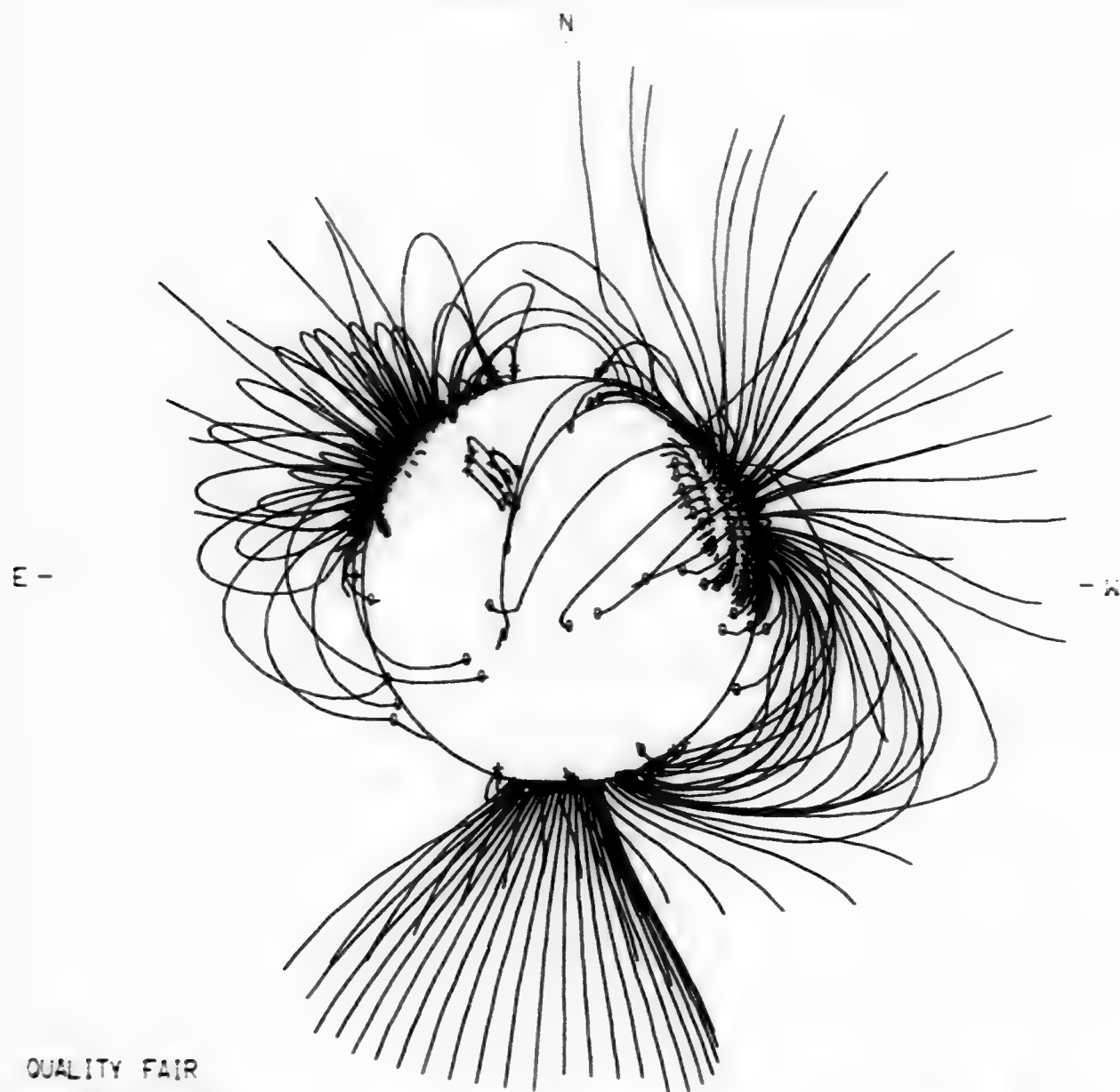


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

S

ROT. 1506 LONG. 70°
23.3 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

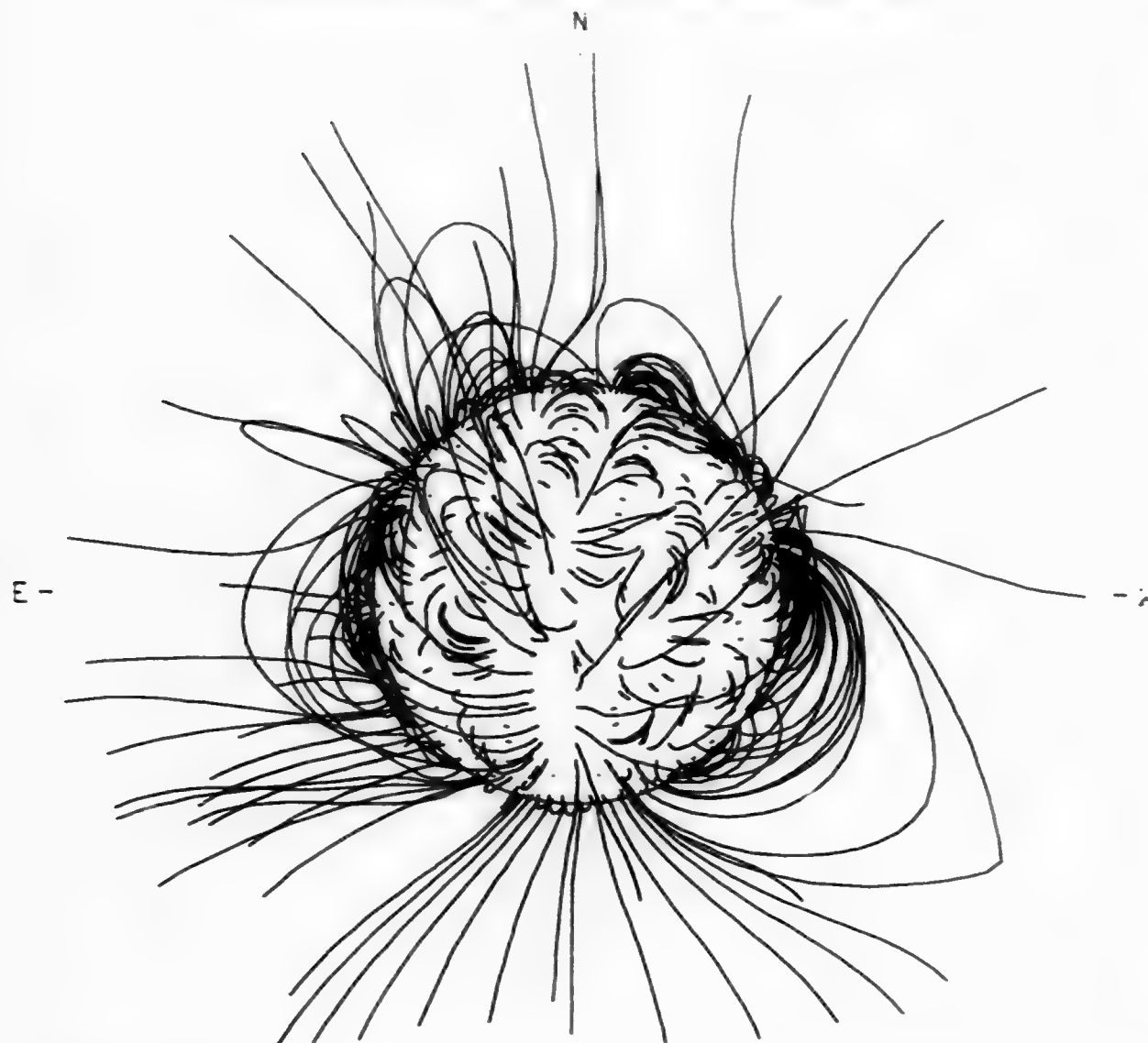
POLES AVERAGED

DATA WINDOW 1506.47

ROT. 1506 LONG. 71°

23.3 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

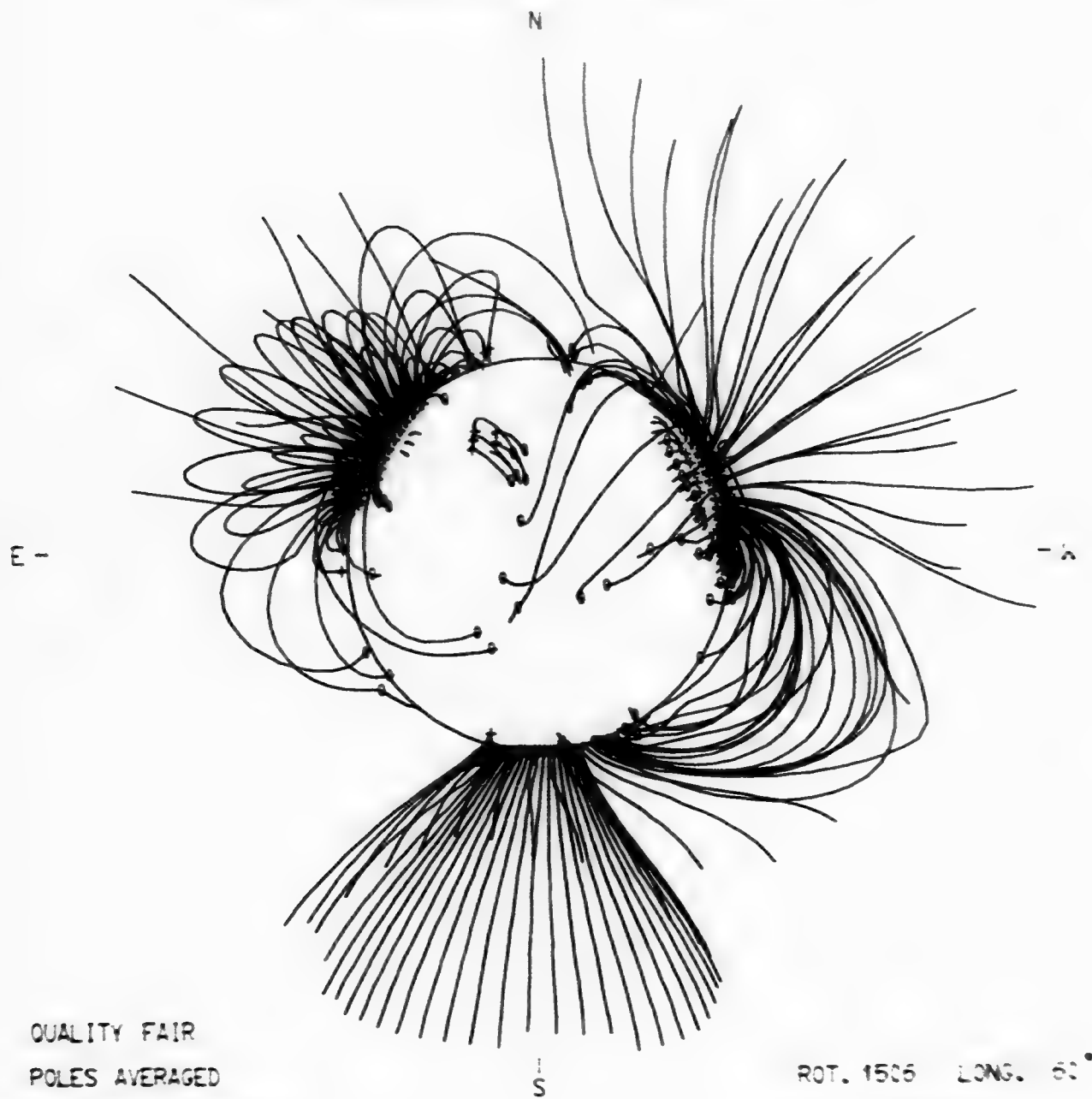


QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1506.47

S

ROT. 1506 LONG. 60°
 24.1 APR 1966

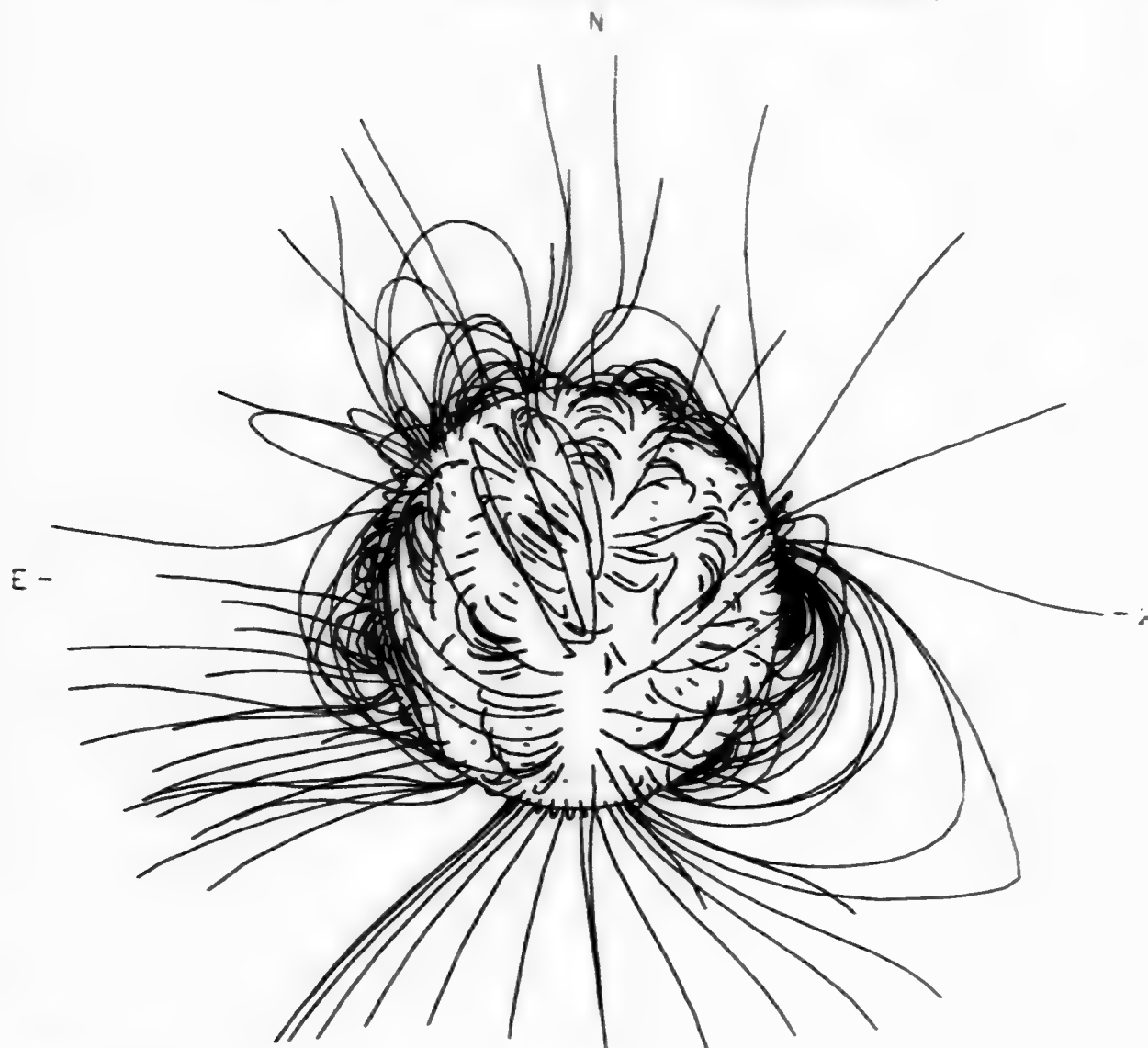
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

ROT. 1506 LONG. 61°
24.1 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



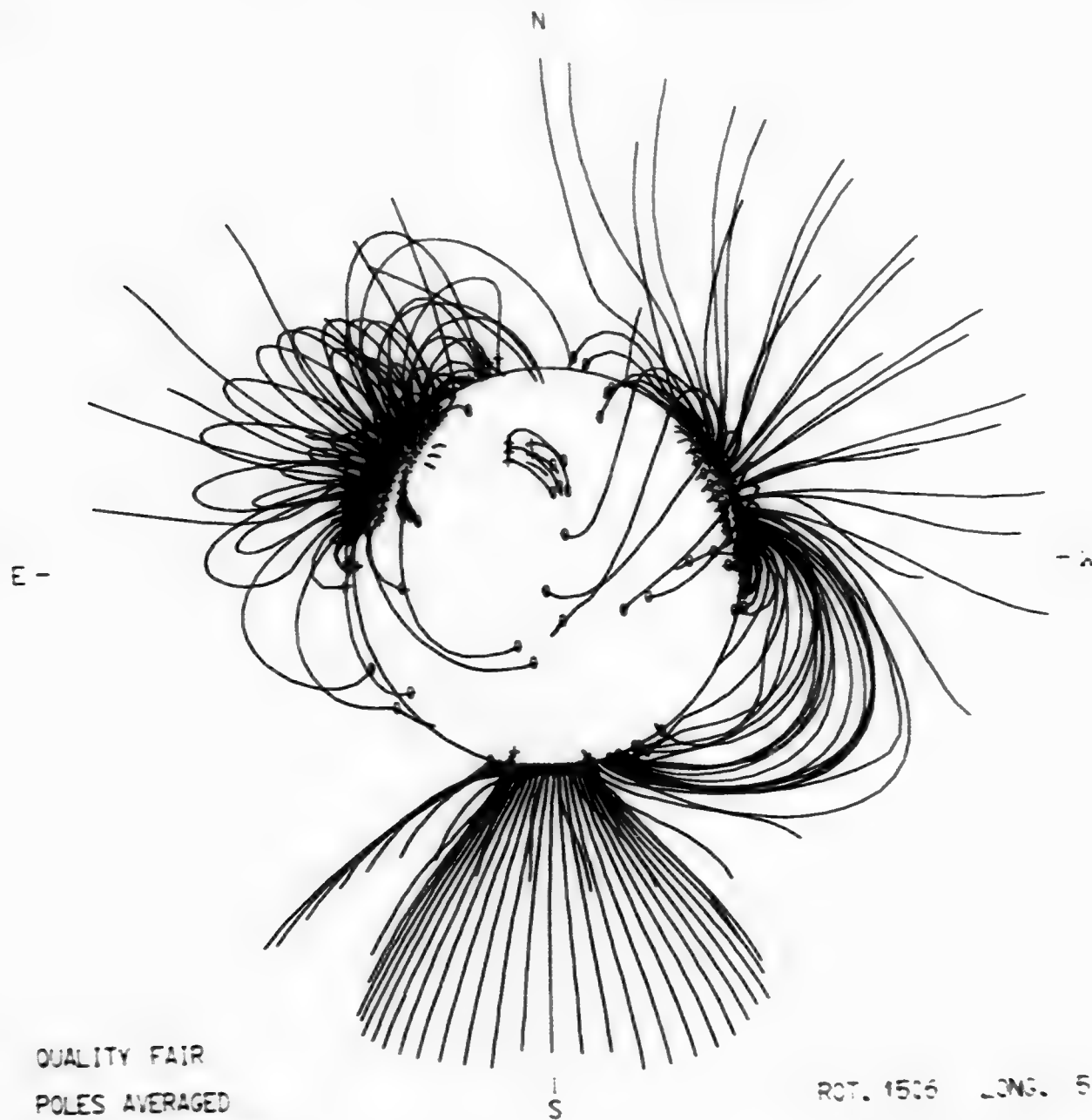
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1506.47

ROT. 1506 LONG. 51°
24.8 APR 1966

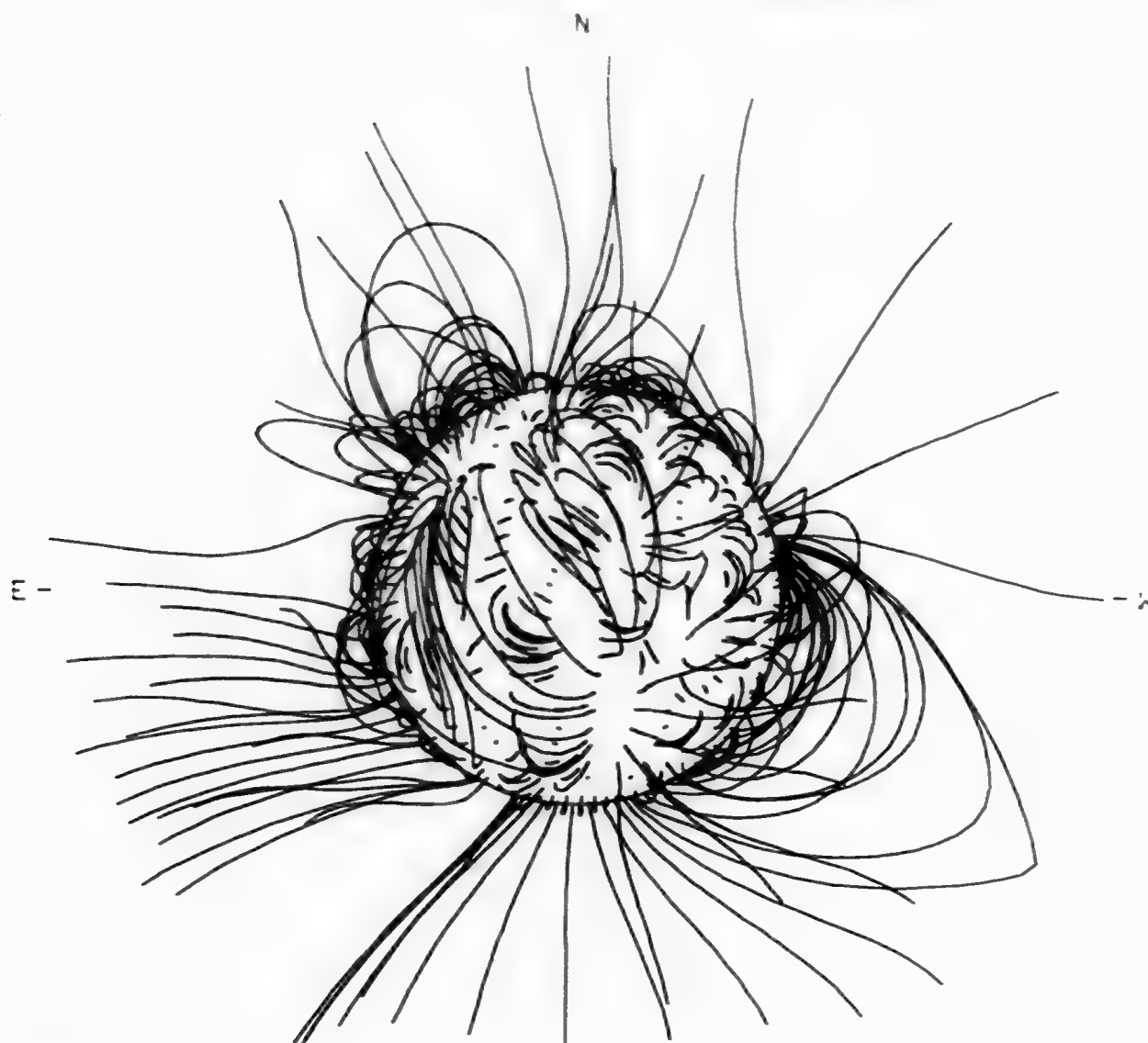
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1506.47

ROT. 1506 LONG. 50°
 24.8 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

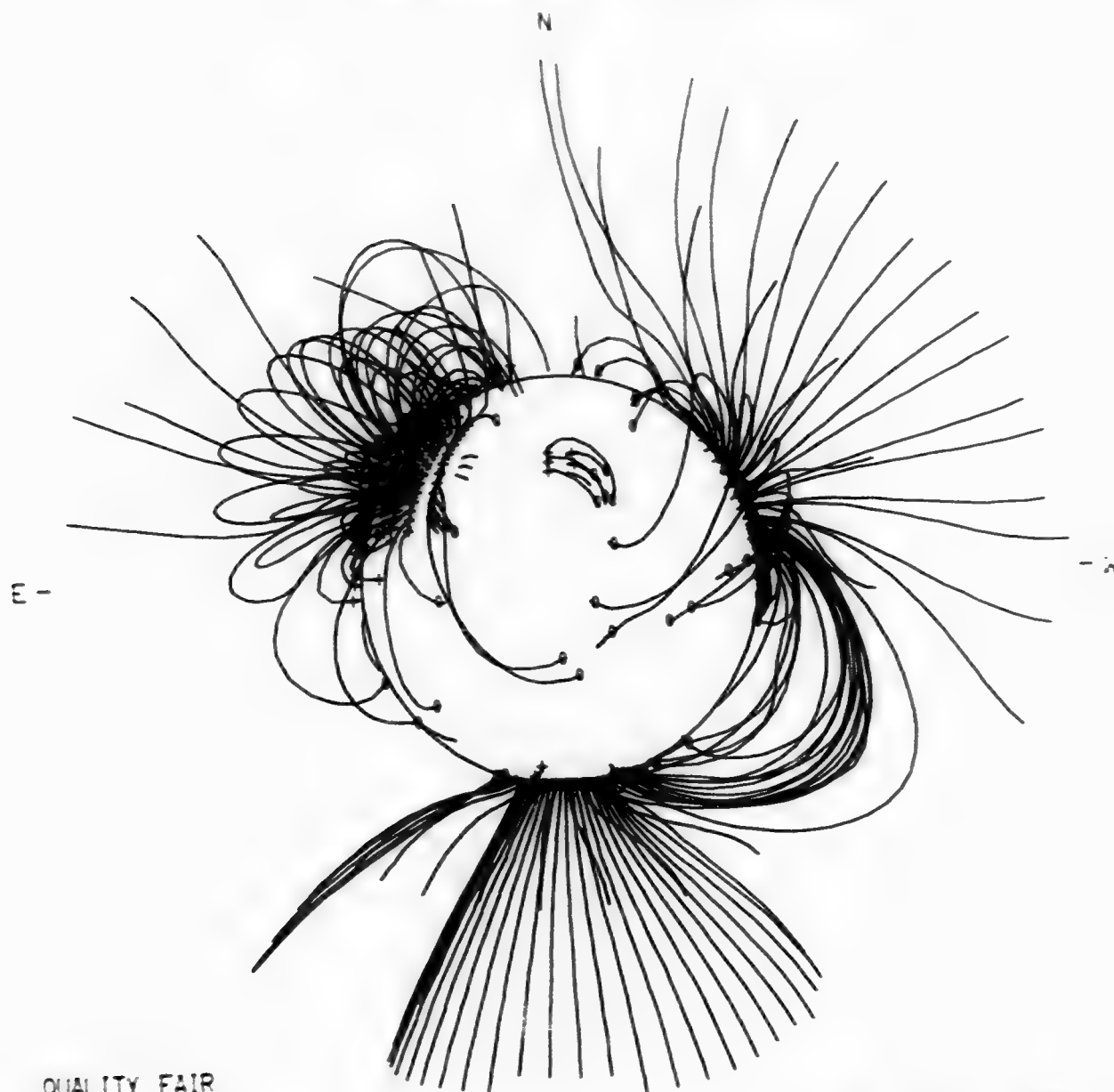
DATA WINDOW 1506.47

S

ROT. 1506 LONG. 40°

25.6 APR 1966

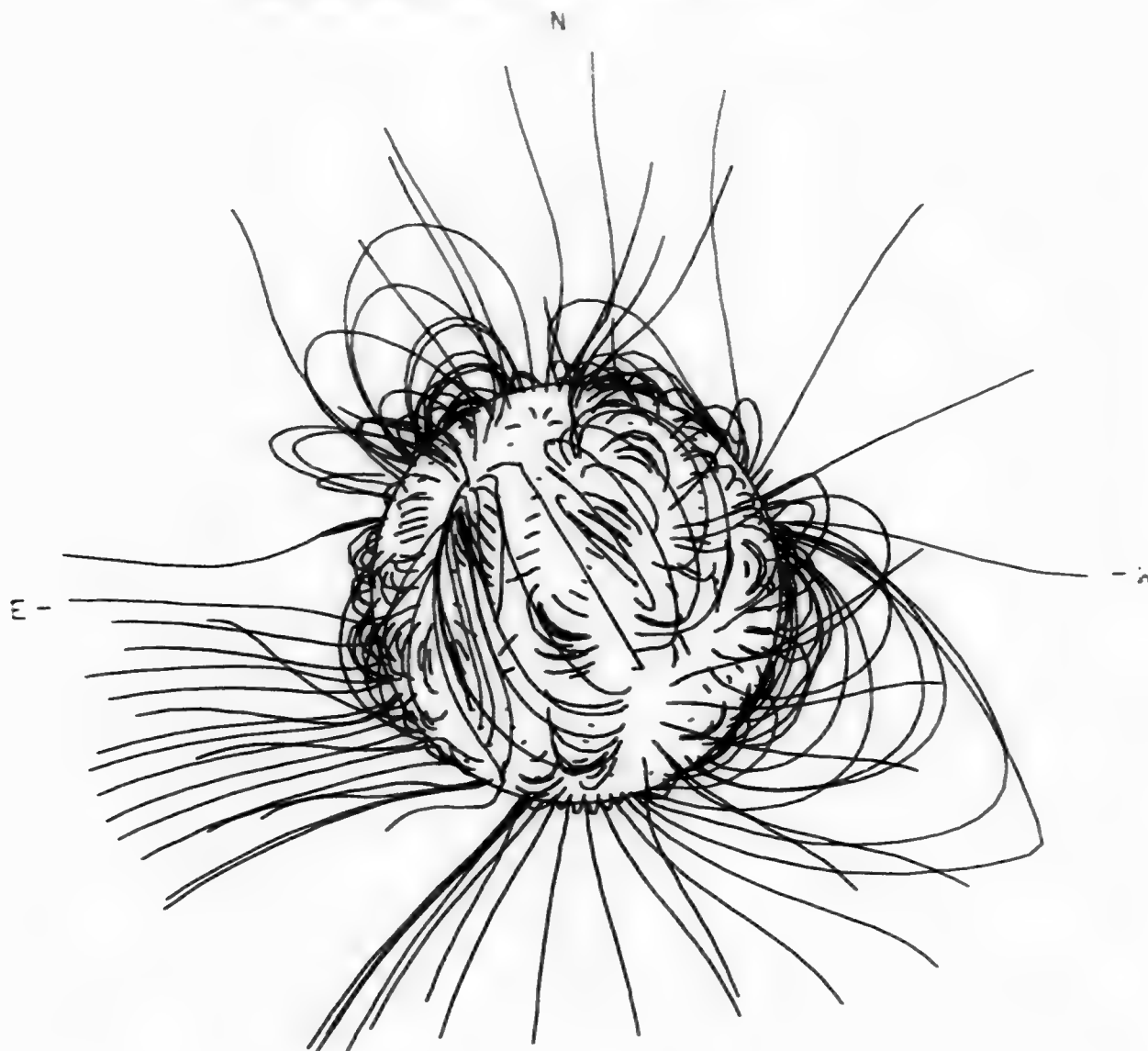
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

ROT. 1506 LONG. 20°
25.6 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

S

ROT. 1536 LONG. 51°
26.3 APR 1966

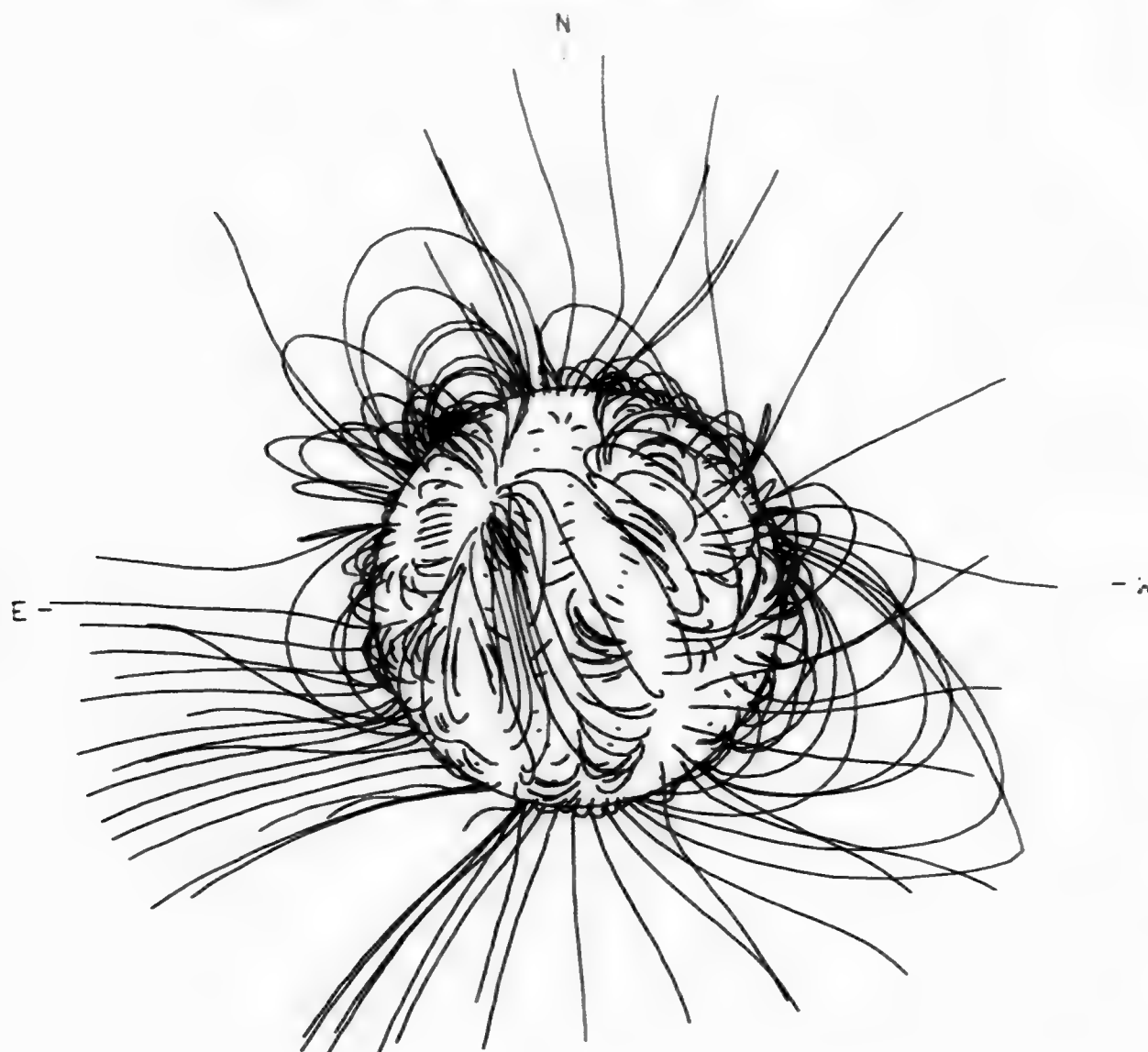
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

ROT. 1506 LONG. 30°
26.3 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

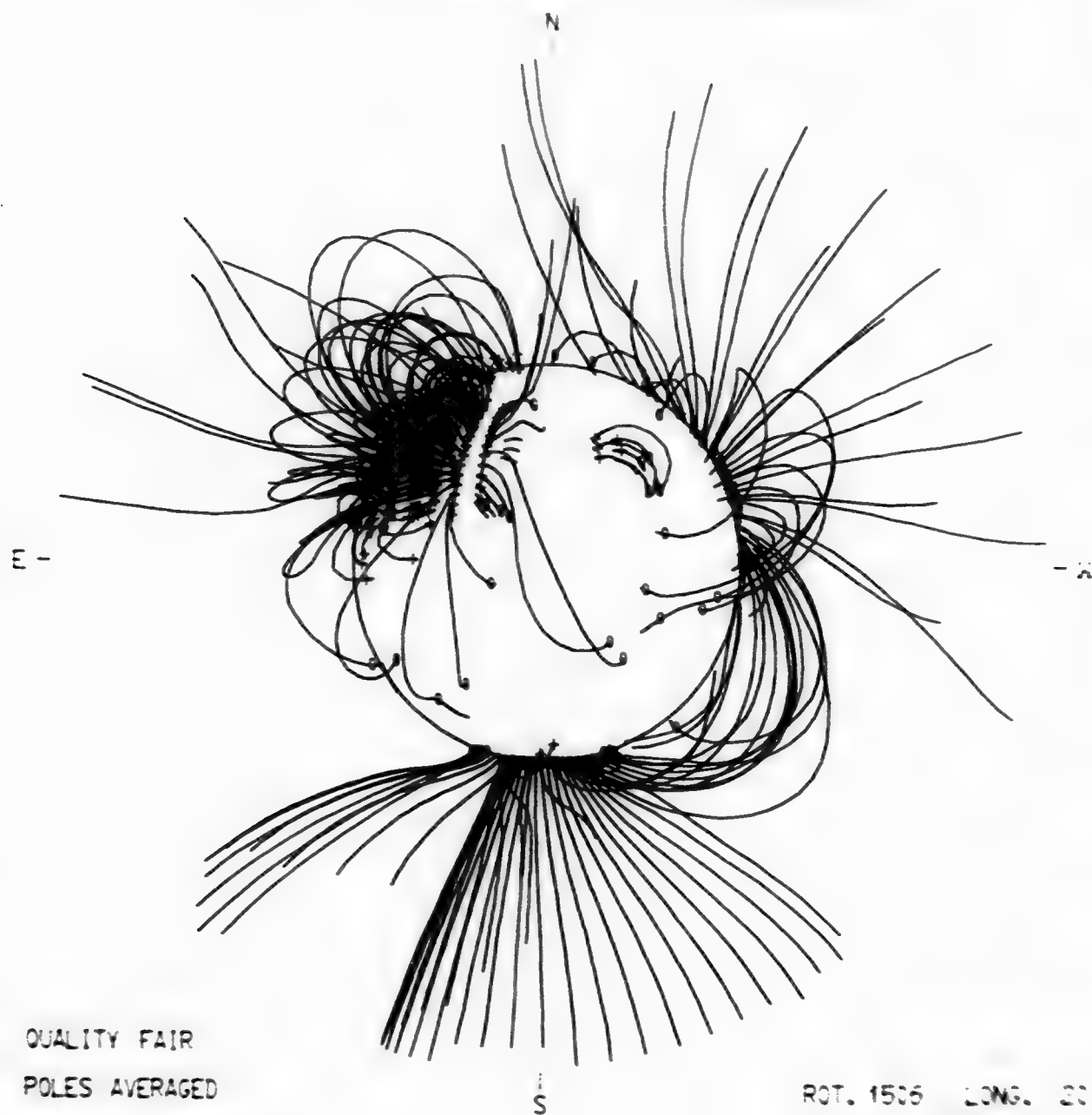


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

S

ROT. 1506 LONG. 20°
27.1 APR 1966

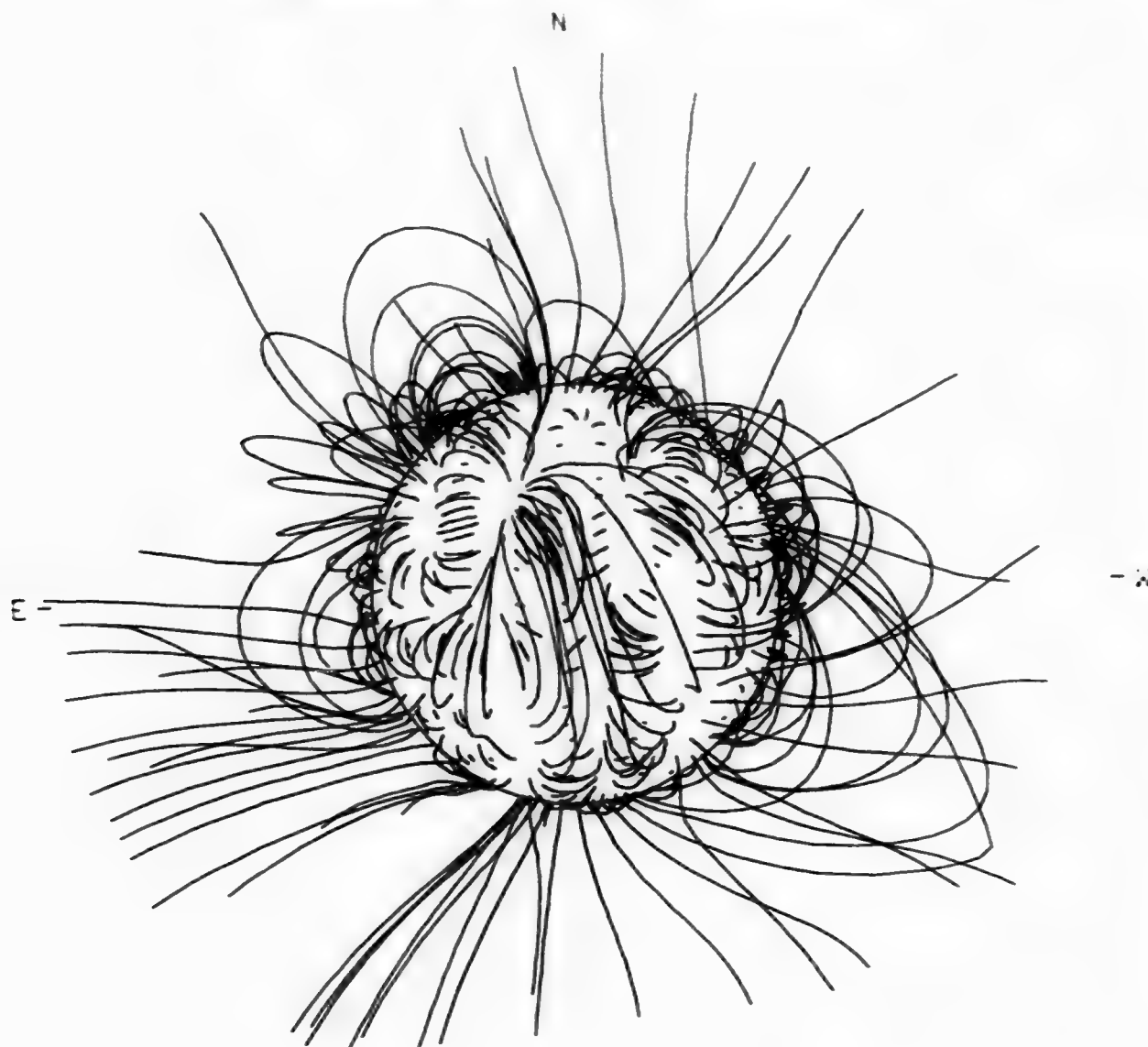
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

ROT. 1506 LONG. 20°
27.1 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

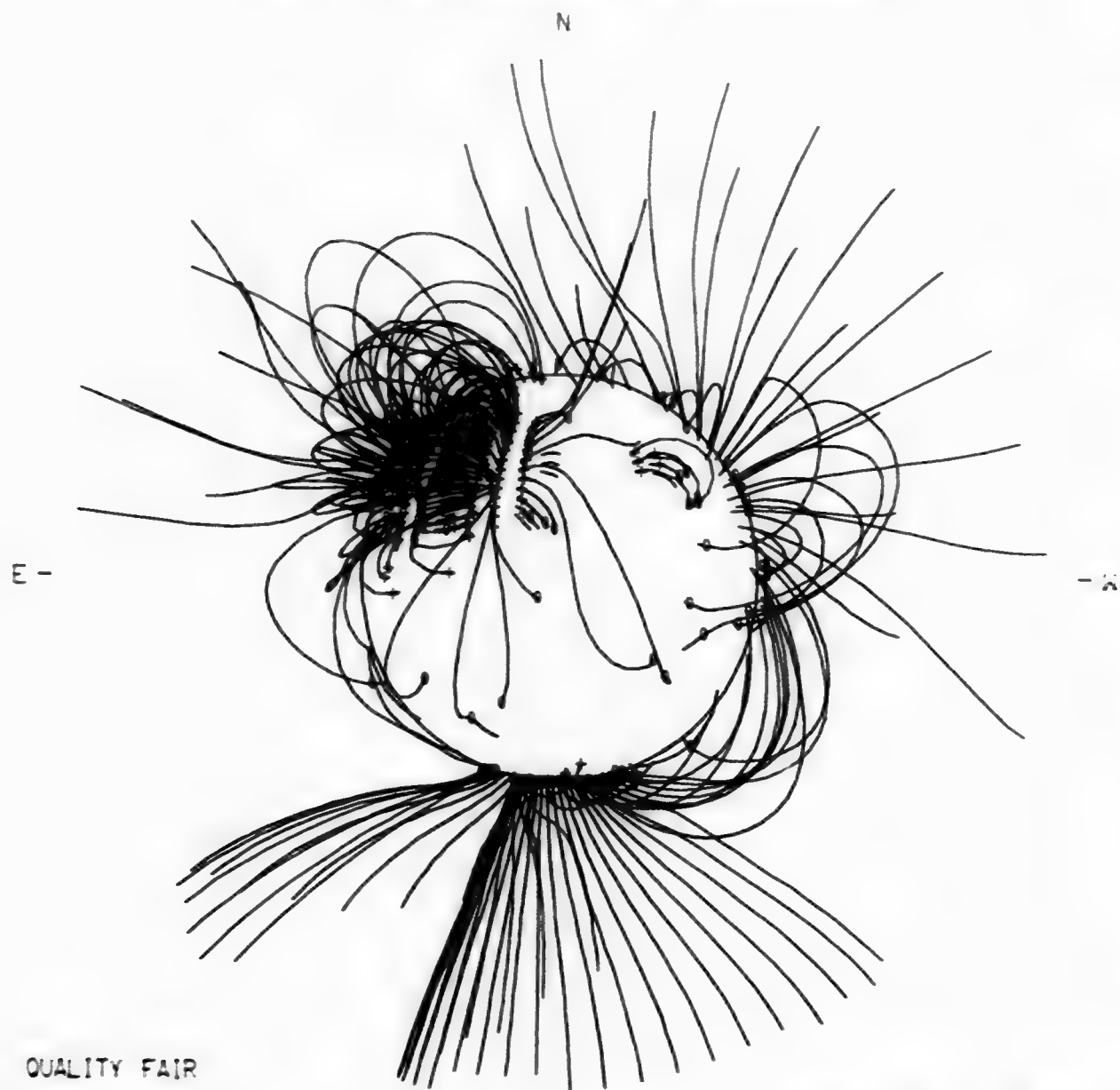


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

S

ROT. 1506 LONG. 10°
27.8 APR 1966

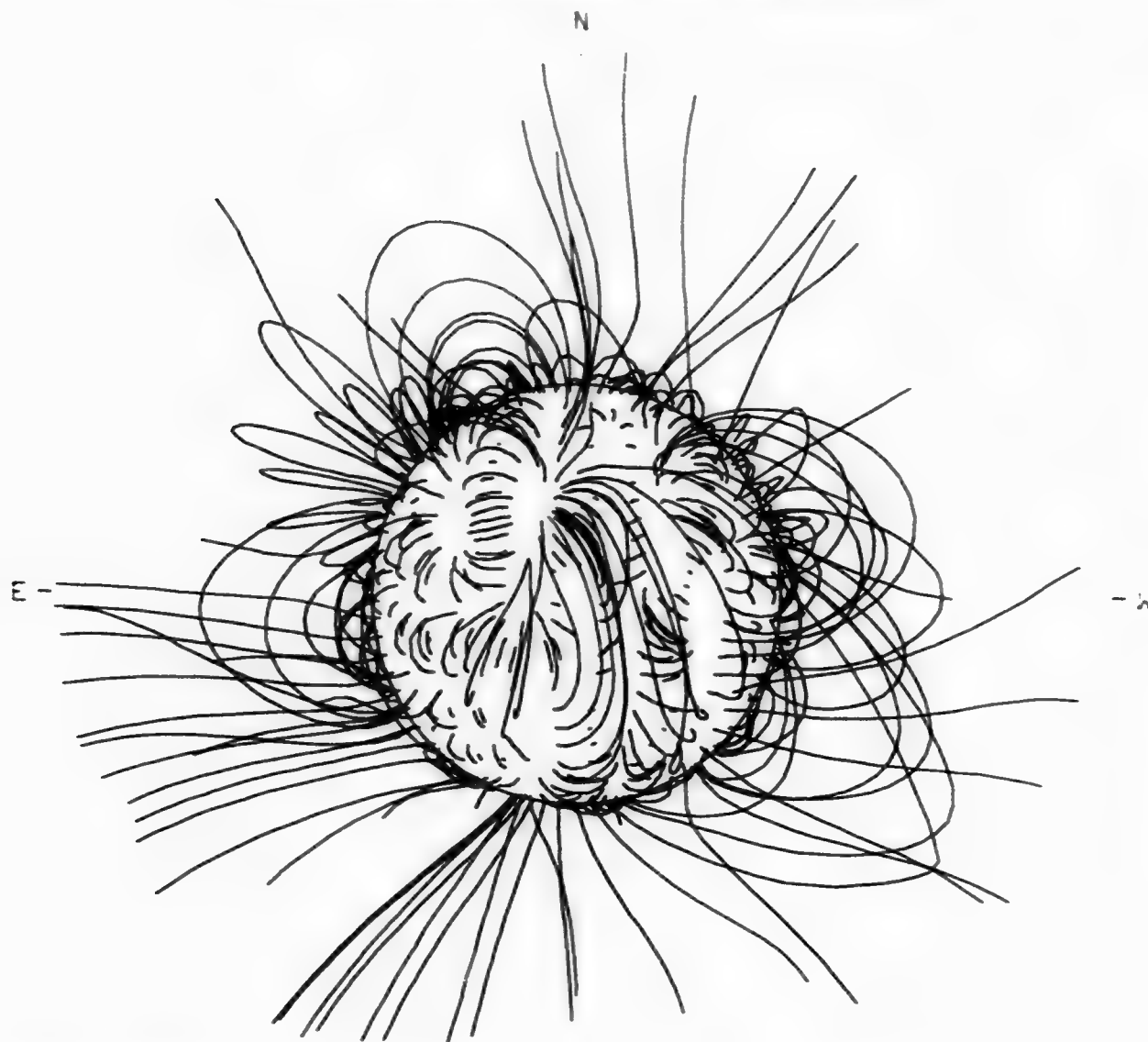
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

ROT. 1506 LONG. 10°
27.8 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



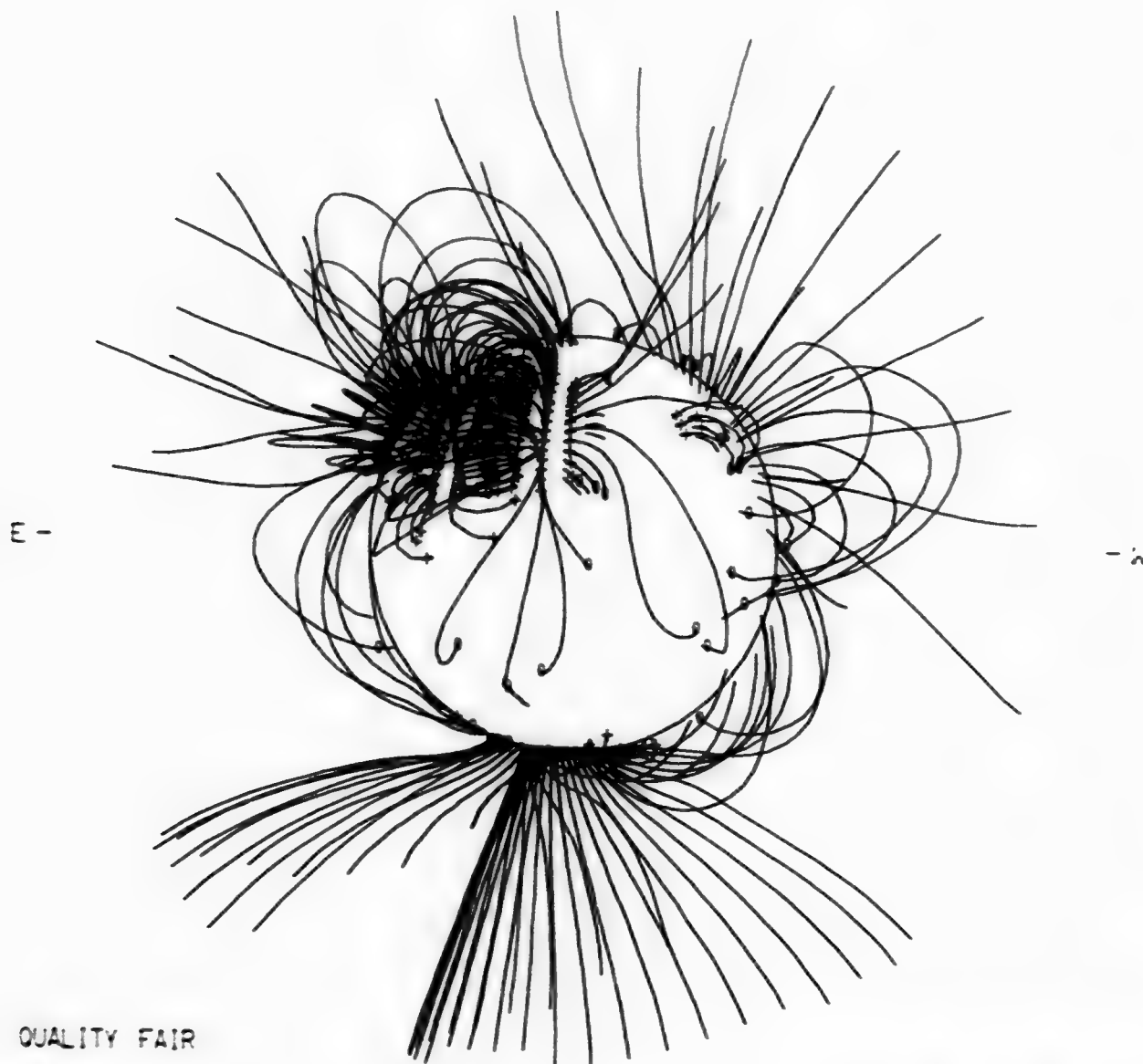
QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1506.47

S

ROT. 1506 LONG. 3°
 28.6 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

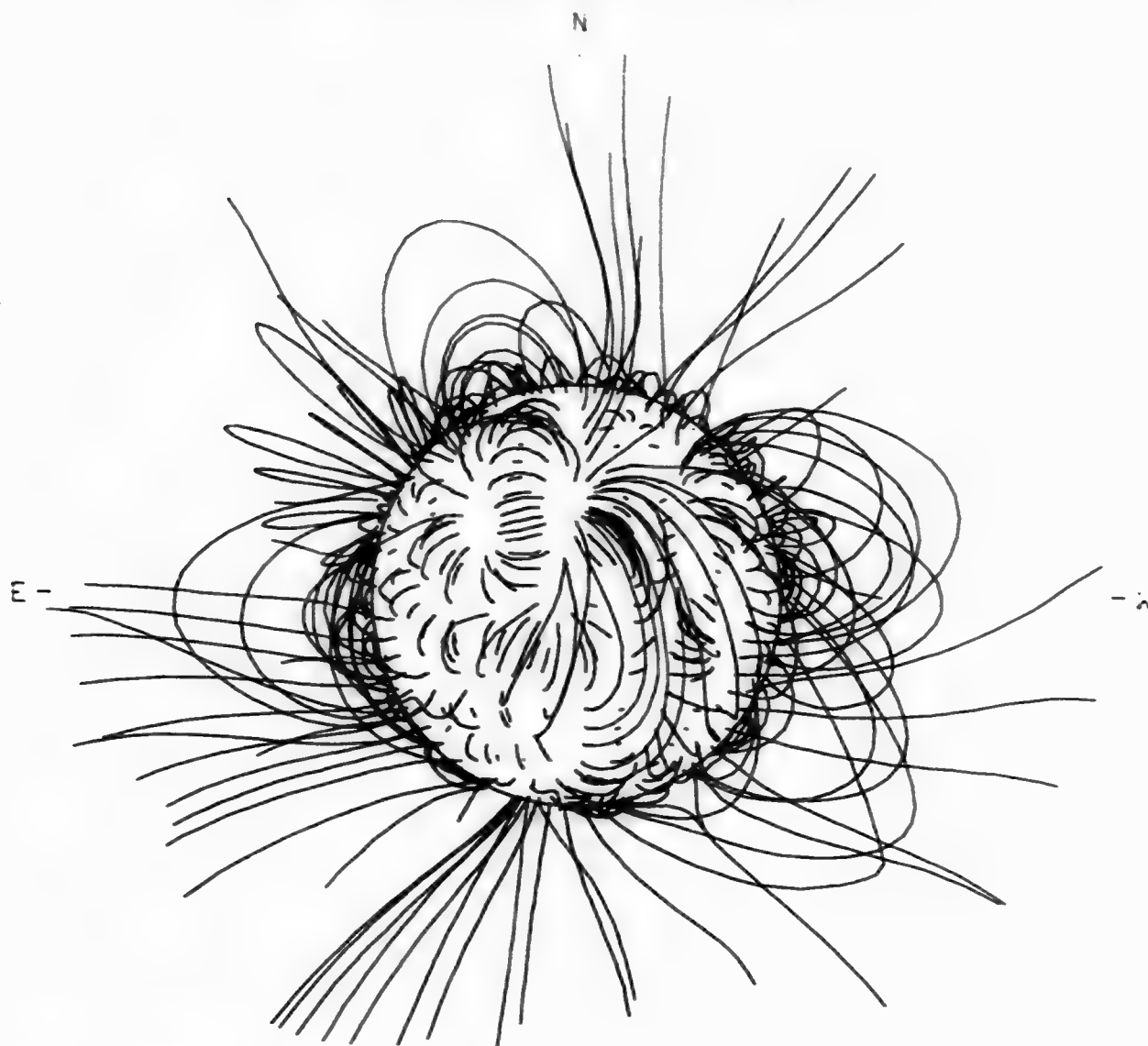
DATA WINDOW 1506.47

S

ROT. 1506 LONG. 2°

28.6 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1506.47

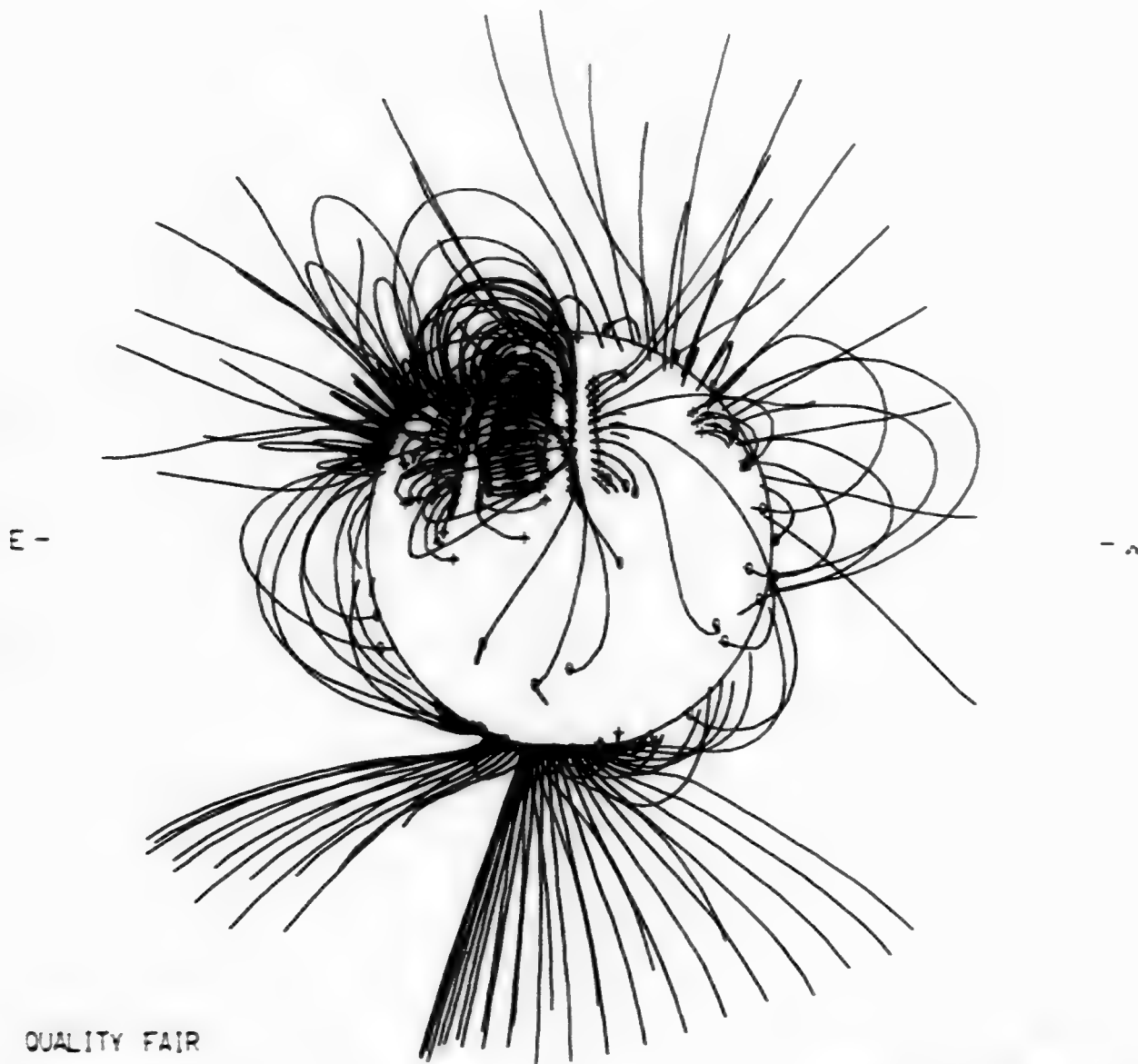
S

ROT. 1507 LONG. 550°

29.4 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

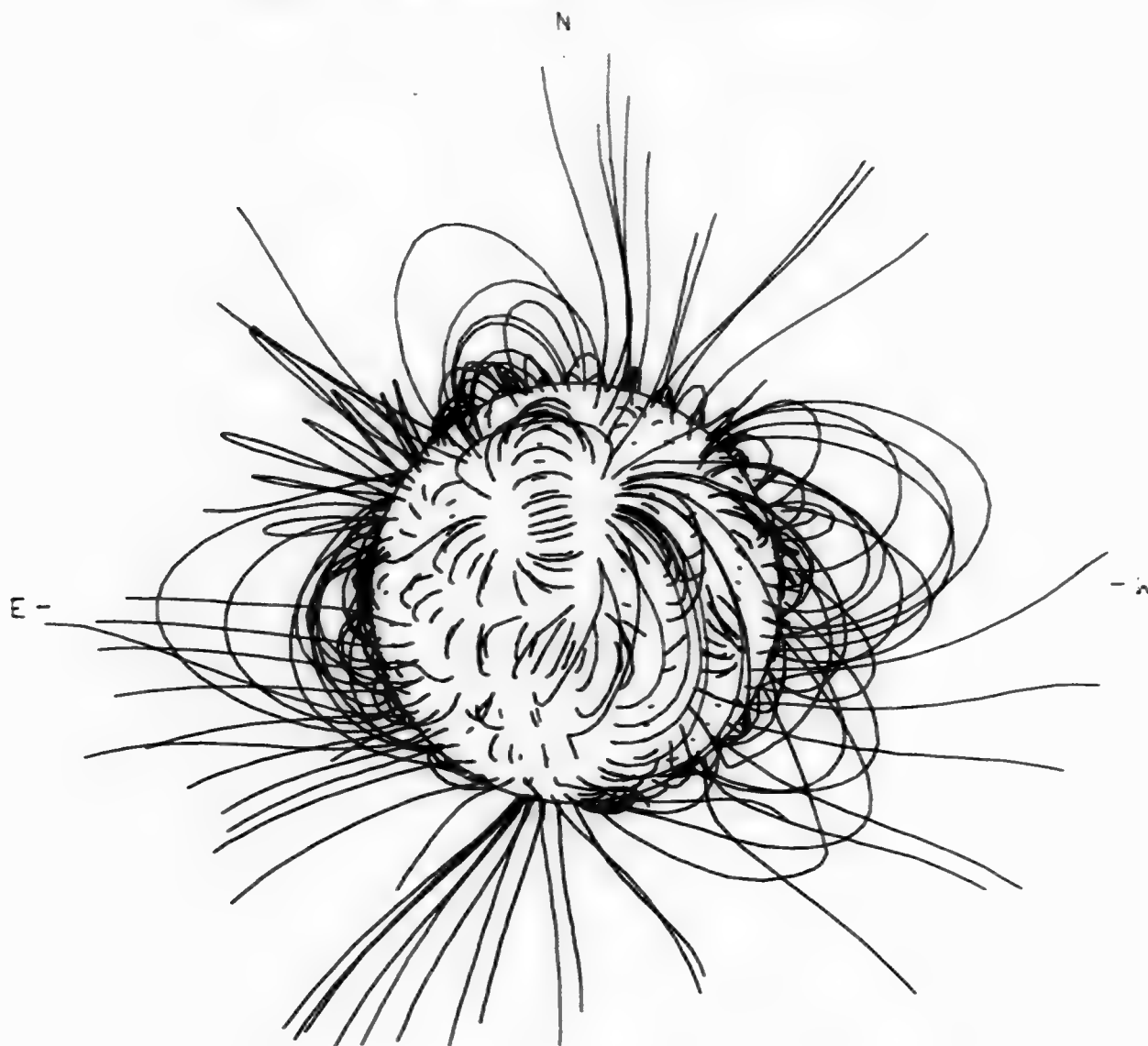
DATA WINDOW 1506.47

S

ROT. 1507 LONG. 350°

29.4 APR 1966

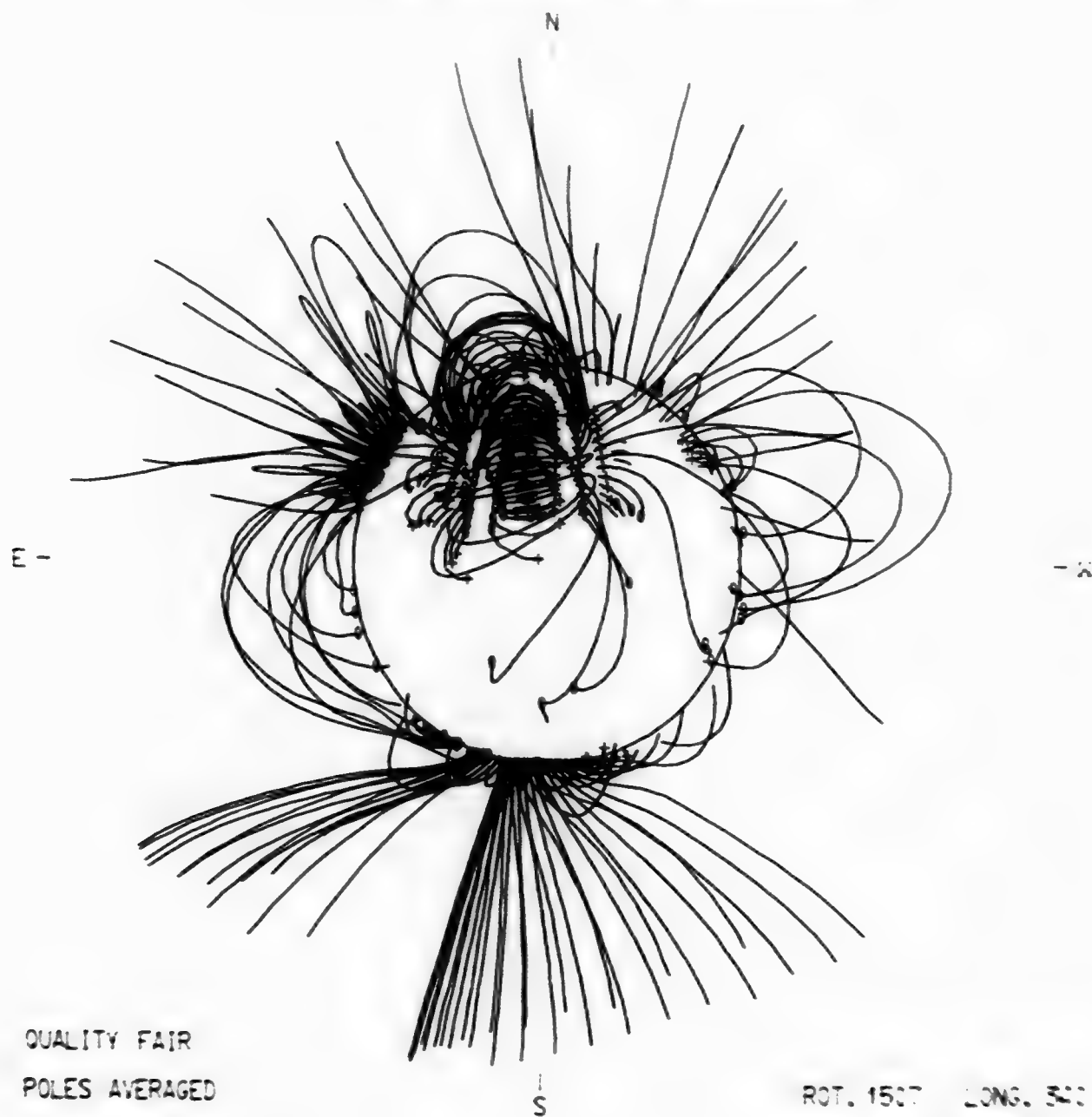
HIGH ALTITUDE OBSERVATORY - WALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

ROT. 1507 LONG. 300°
30.1 APR 1966

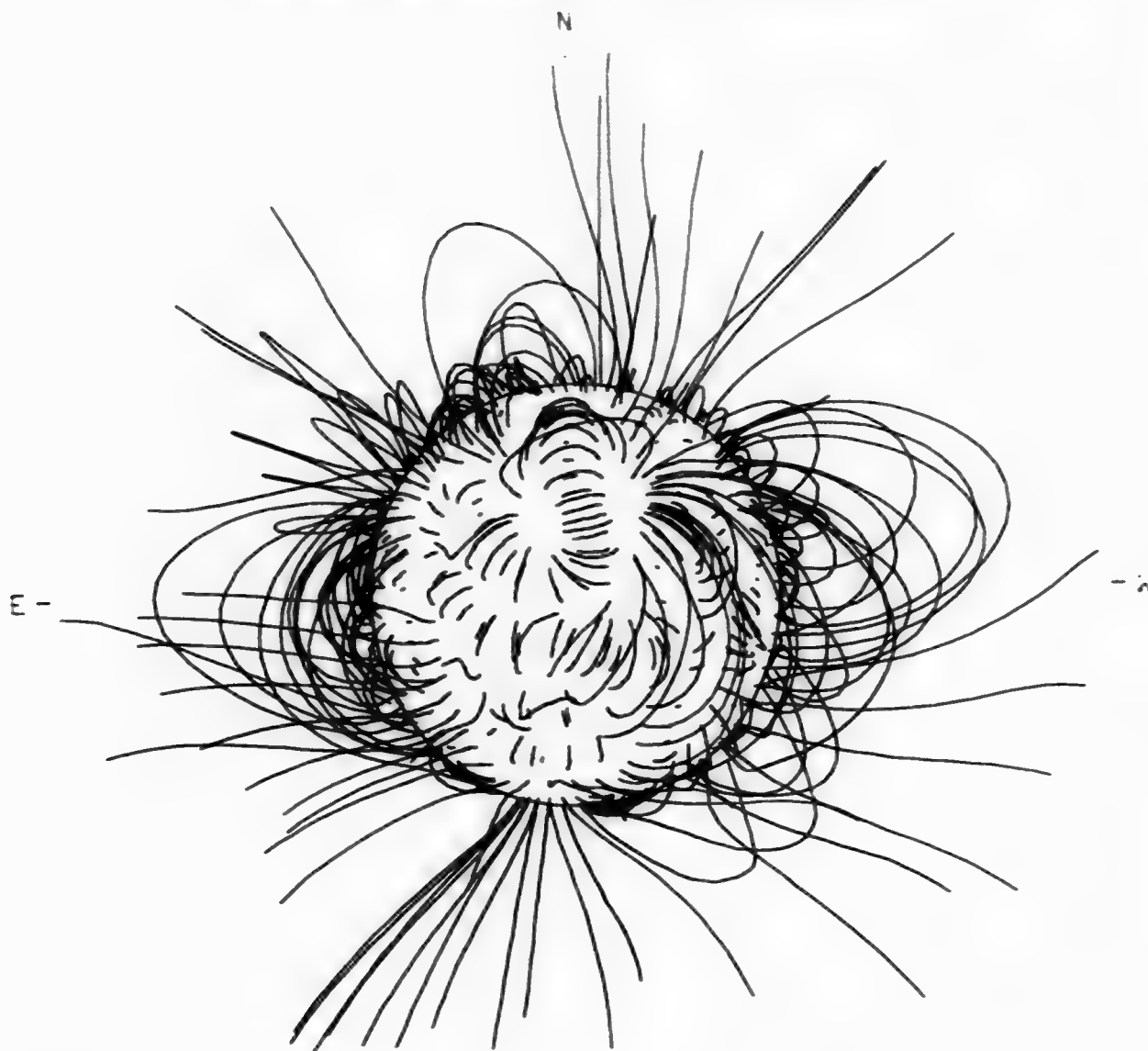
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

ROT. 1507 LONG. 300°
30.1 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

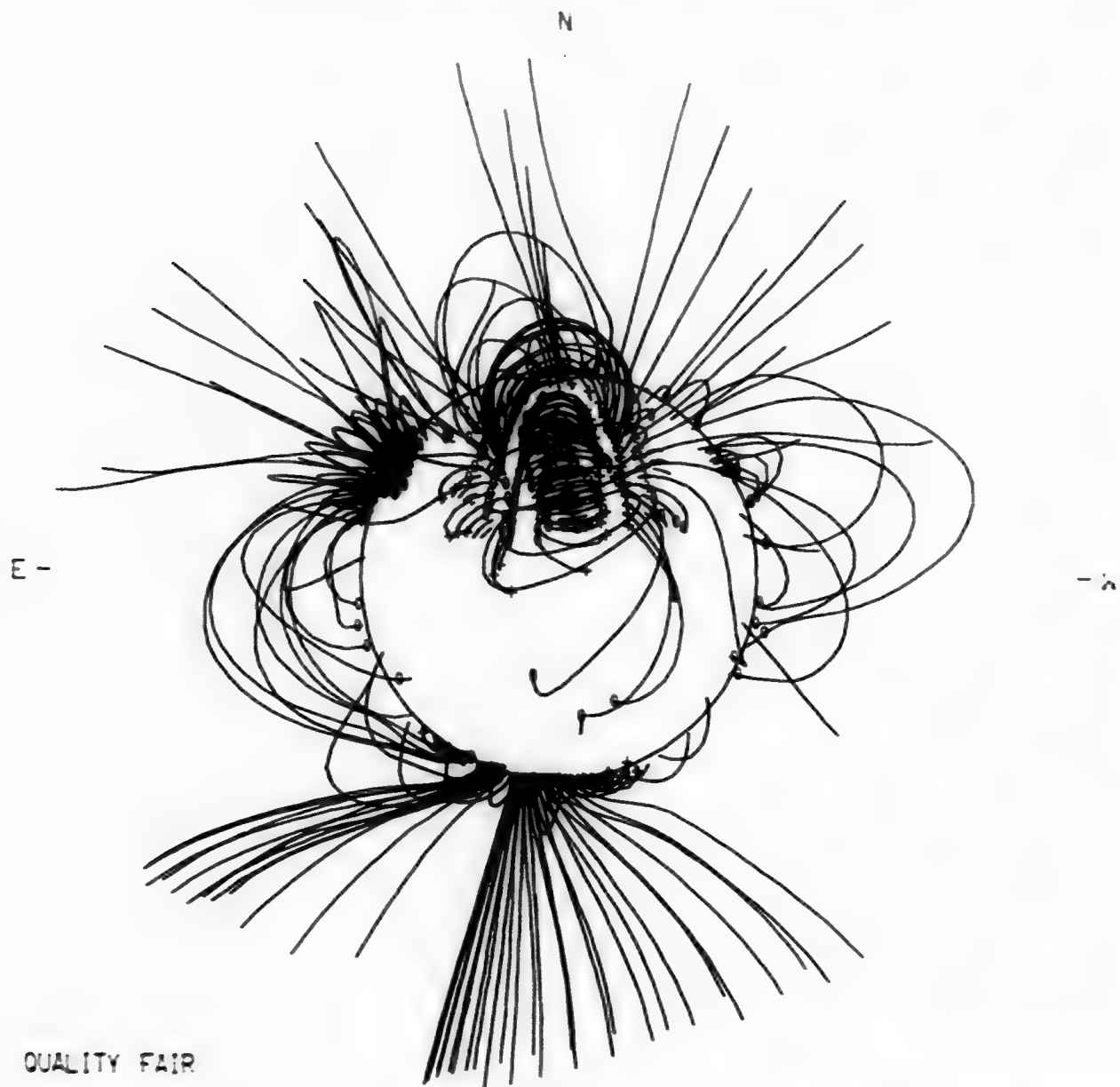


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

I
S

ROT. 1507 LONG. 550°
30.9 APR 1966

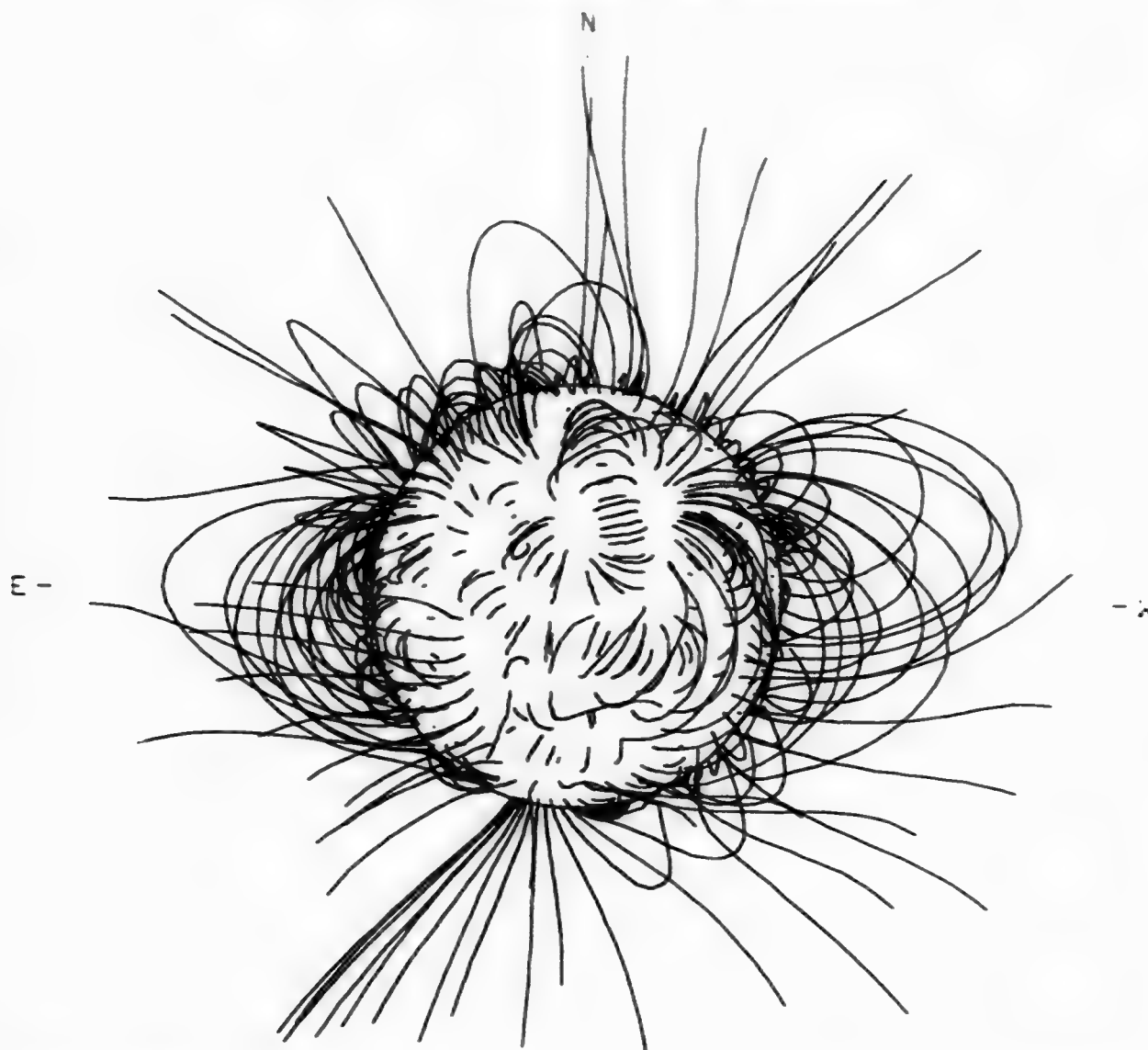
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

ROT. 1507 LONG. 35°
30.9 APR 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

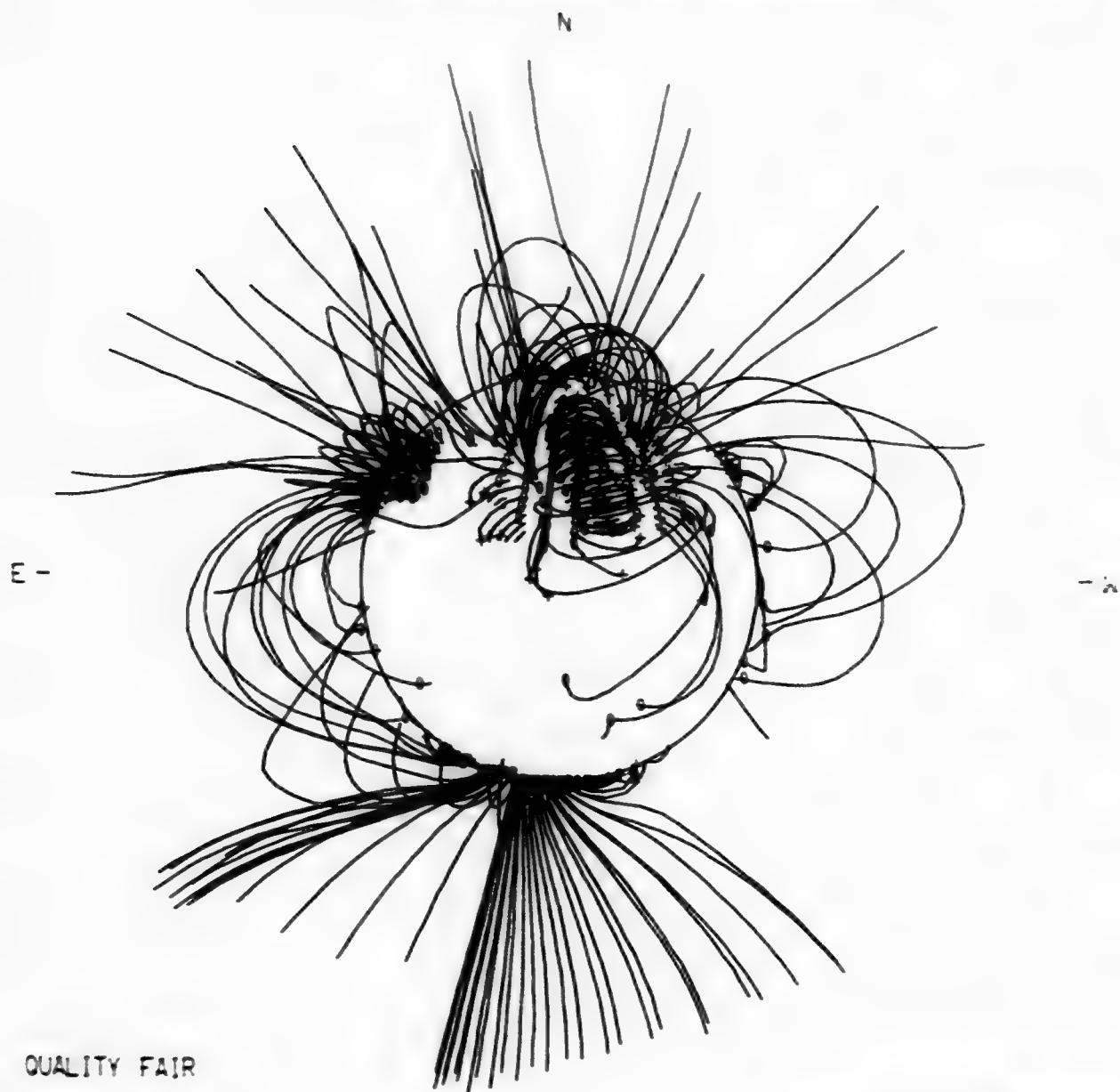


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

I
S

ROT. 1507 LONG. 320°
1.6 MAY 1966

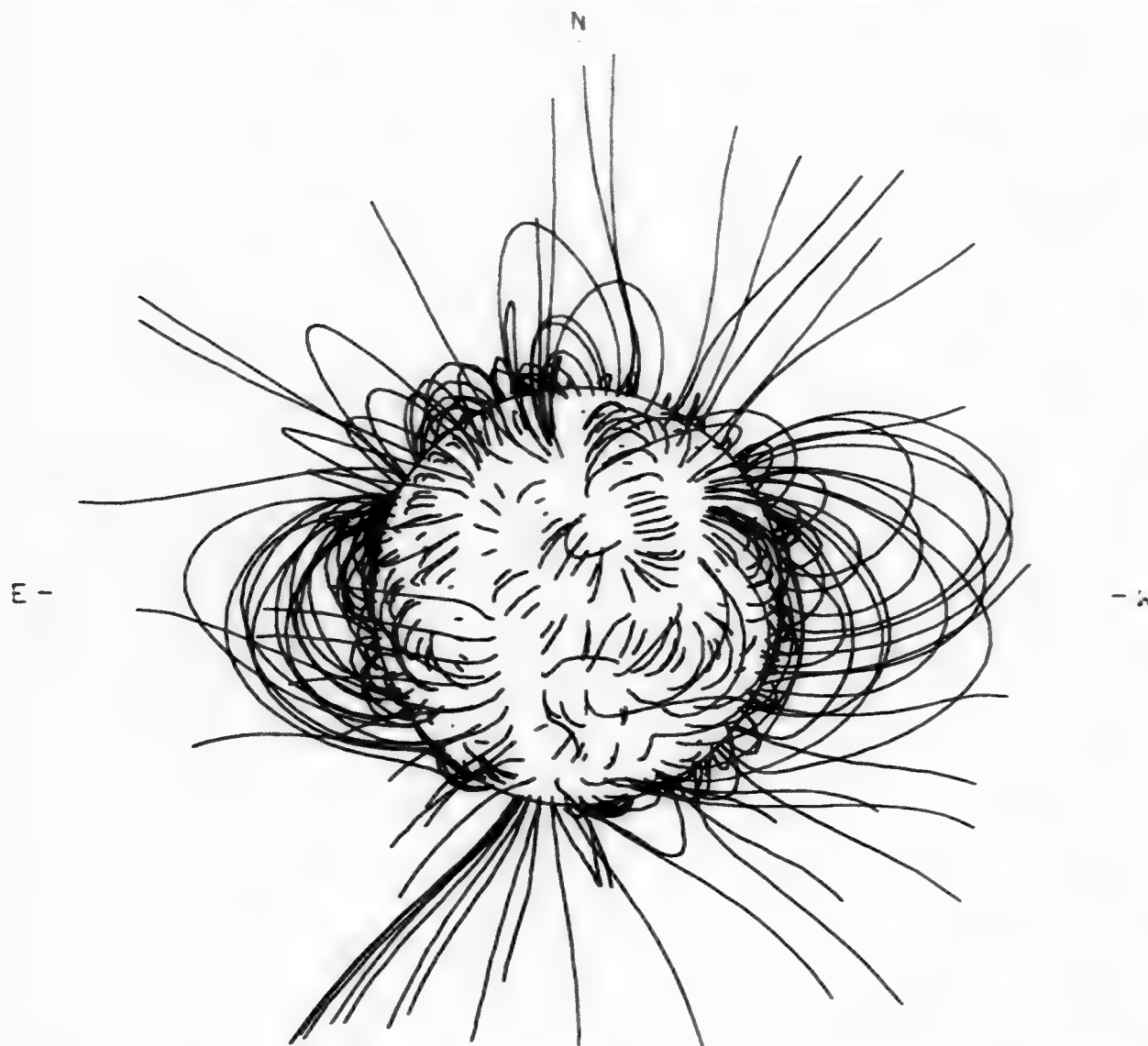
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

ROT. 1507 LONG. 50°
1.6 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

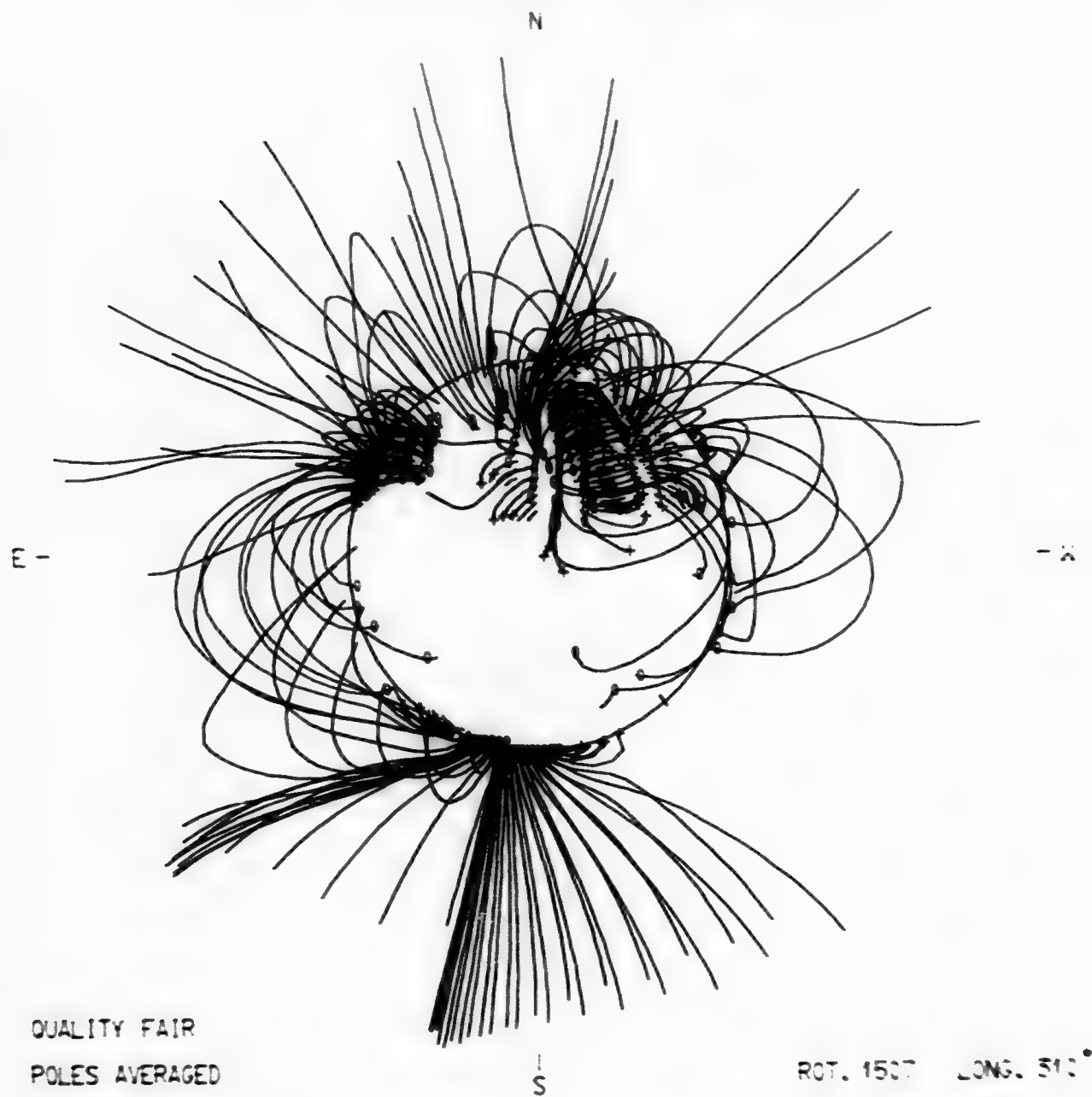


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

1
S

ROT. 1507 LONG. 310°
2.4 MAY 1966

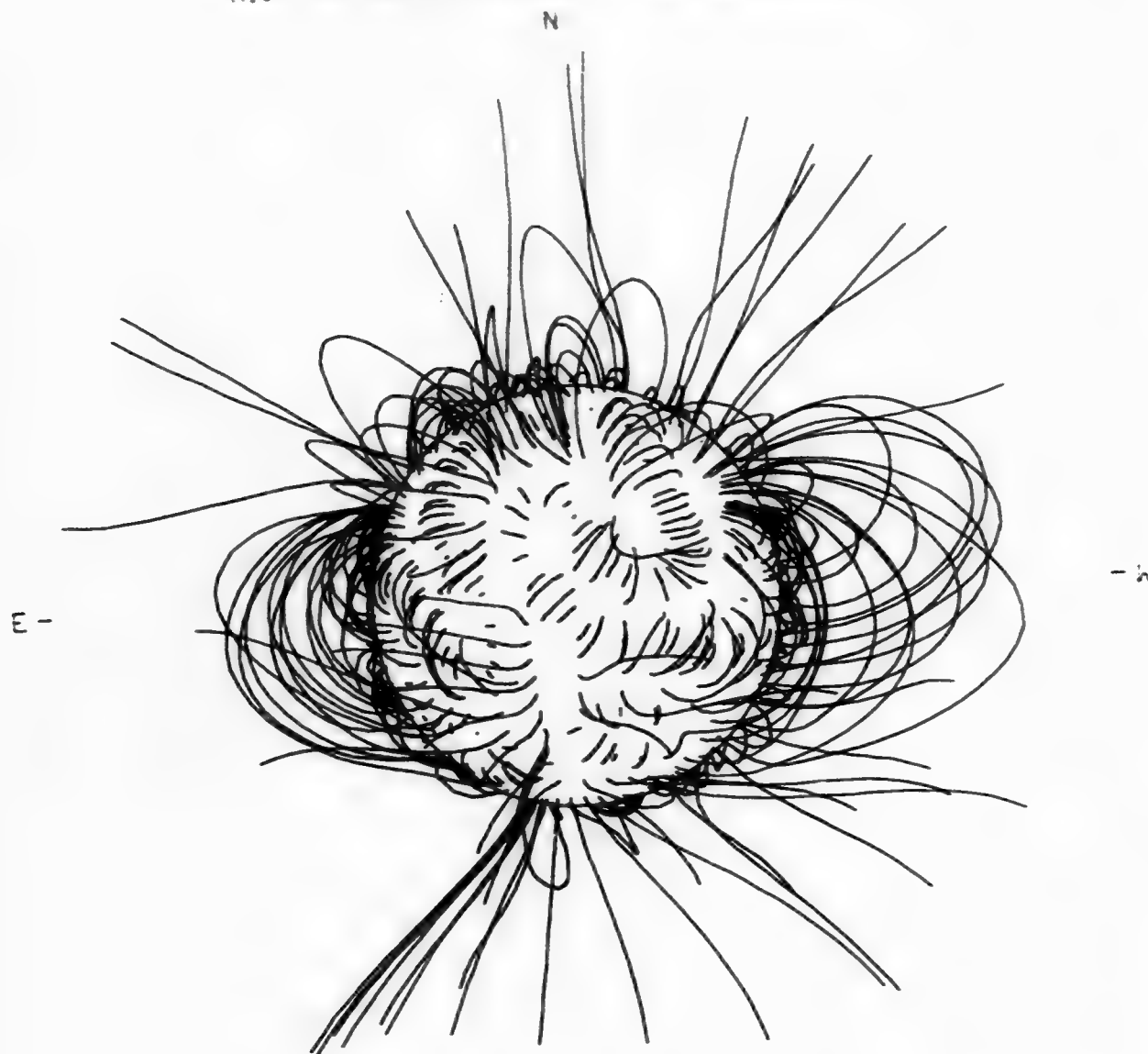
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

ROT. 1507 LONG. 312°
2.4 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

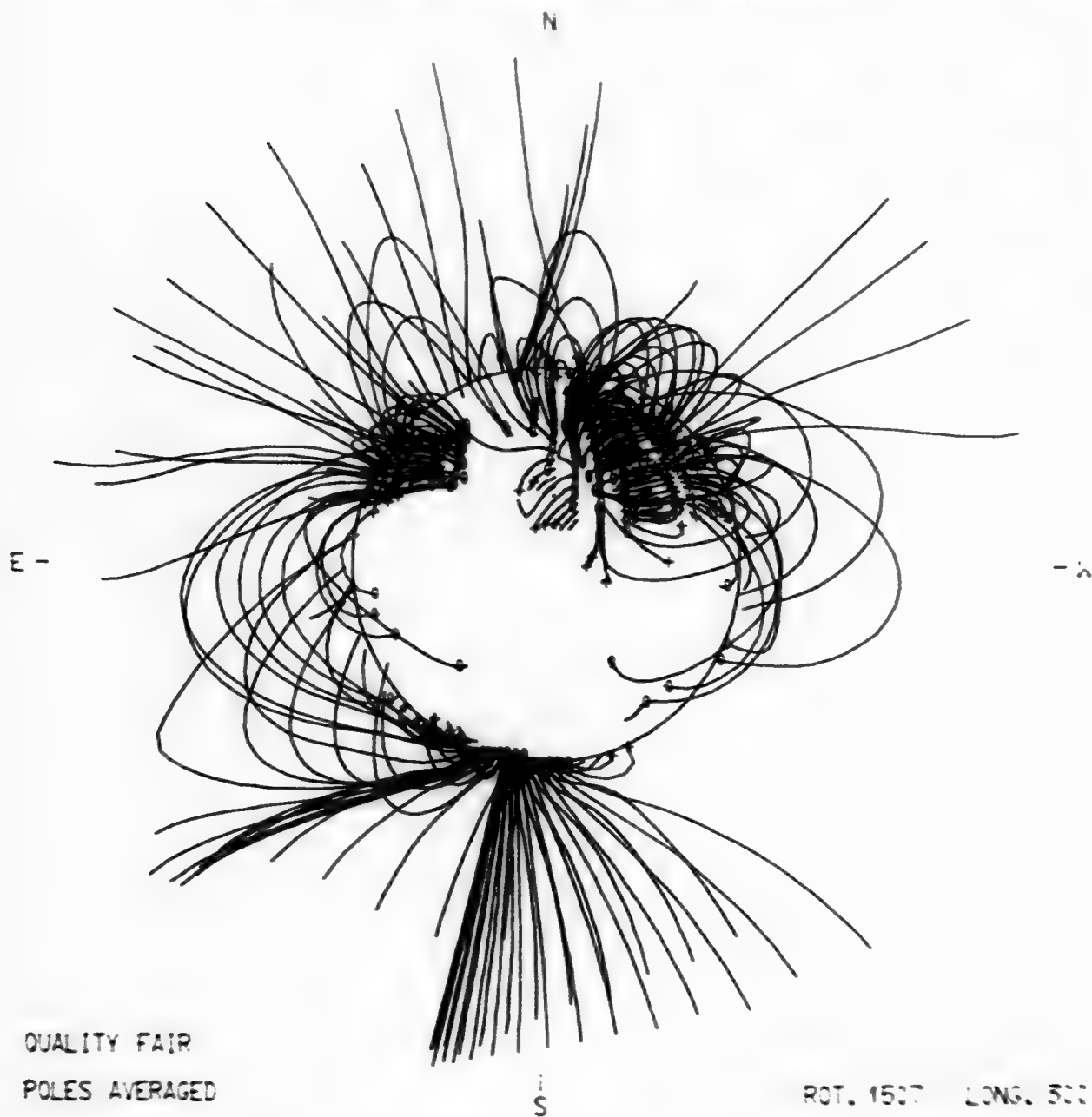


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

1
S

ROT. 1507 LONG. 500°
3.1 MAY 1966

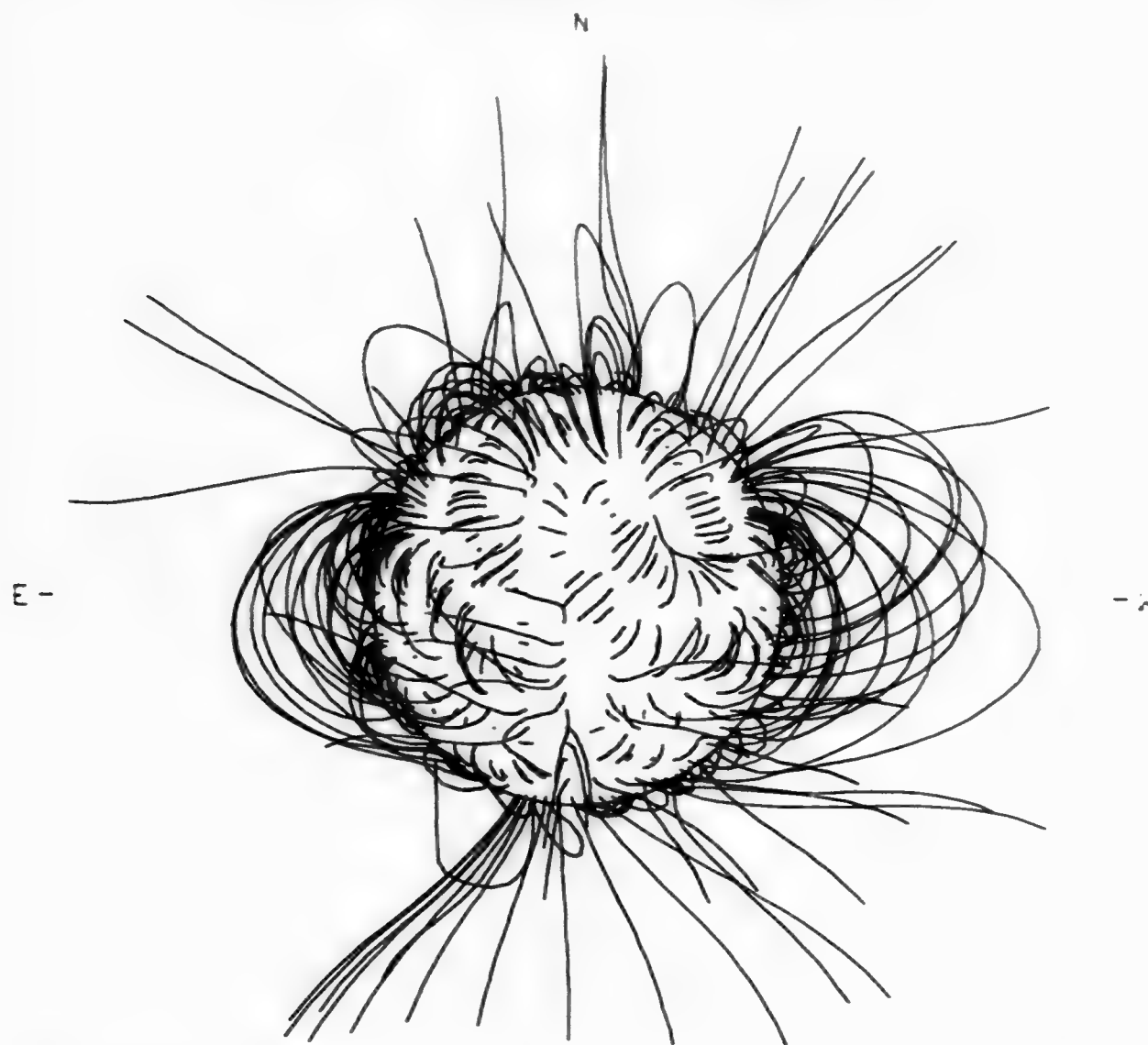
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

ROT. 1507 LONG. 500°
3.1 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

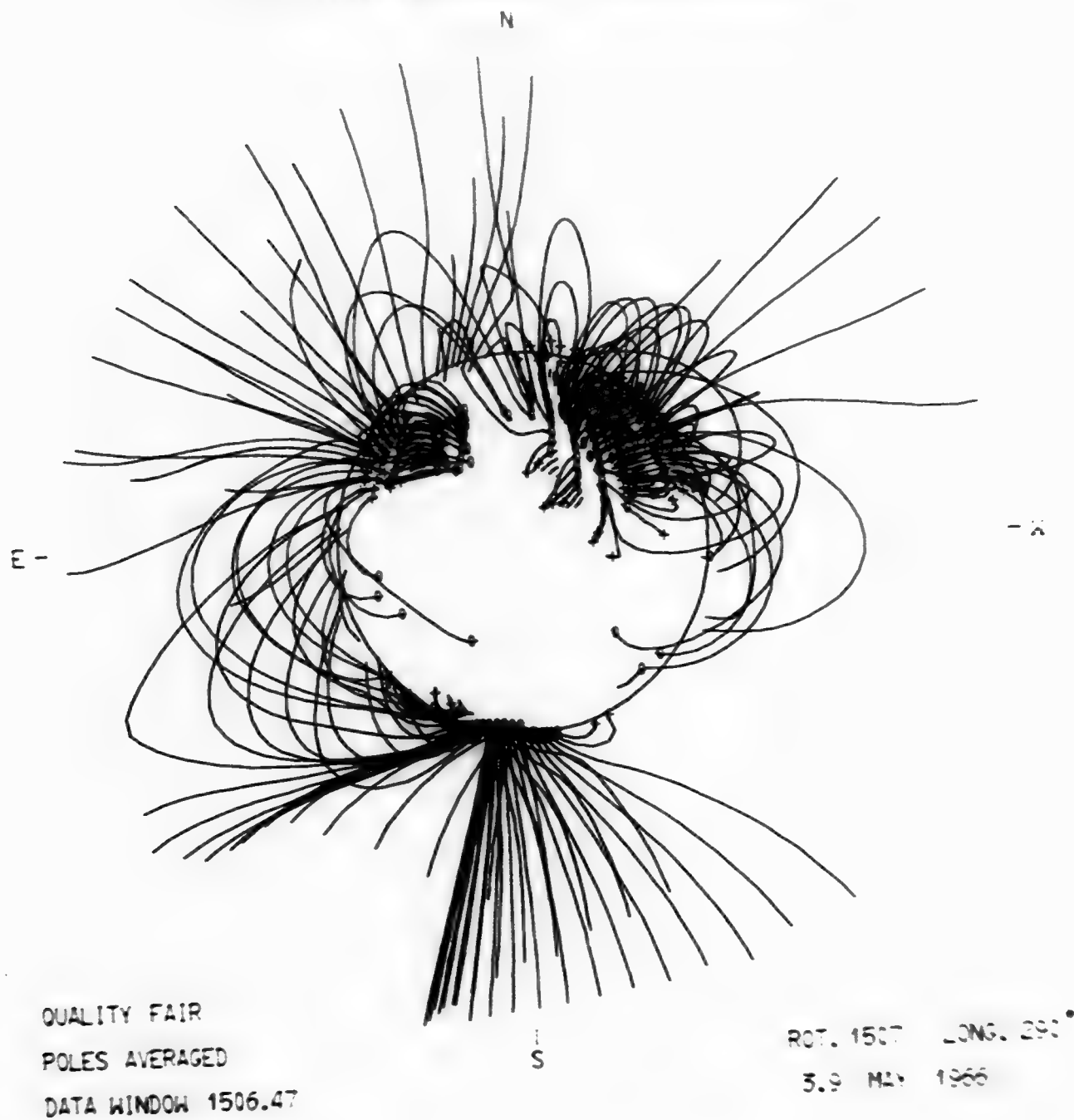


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

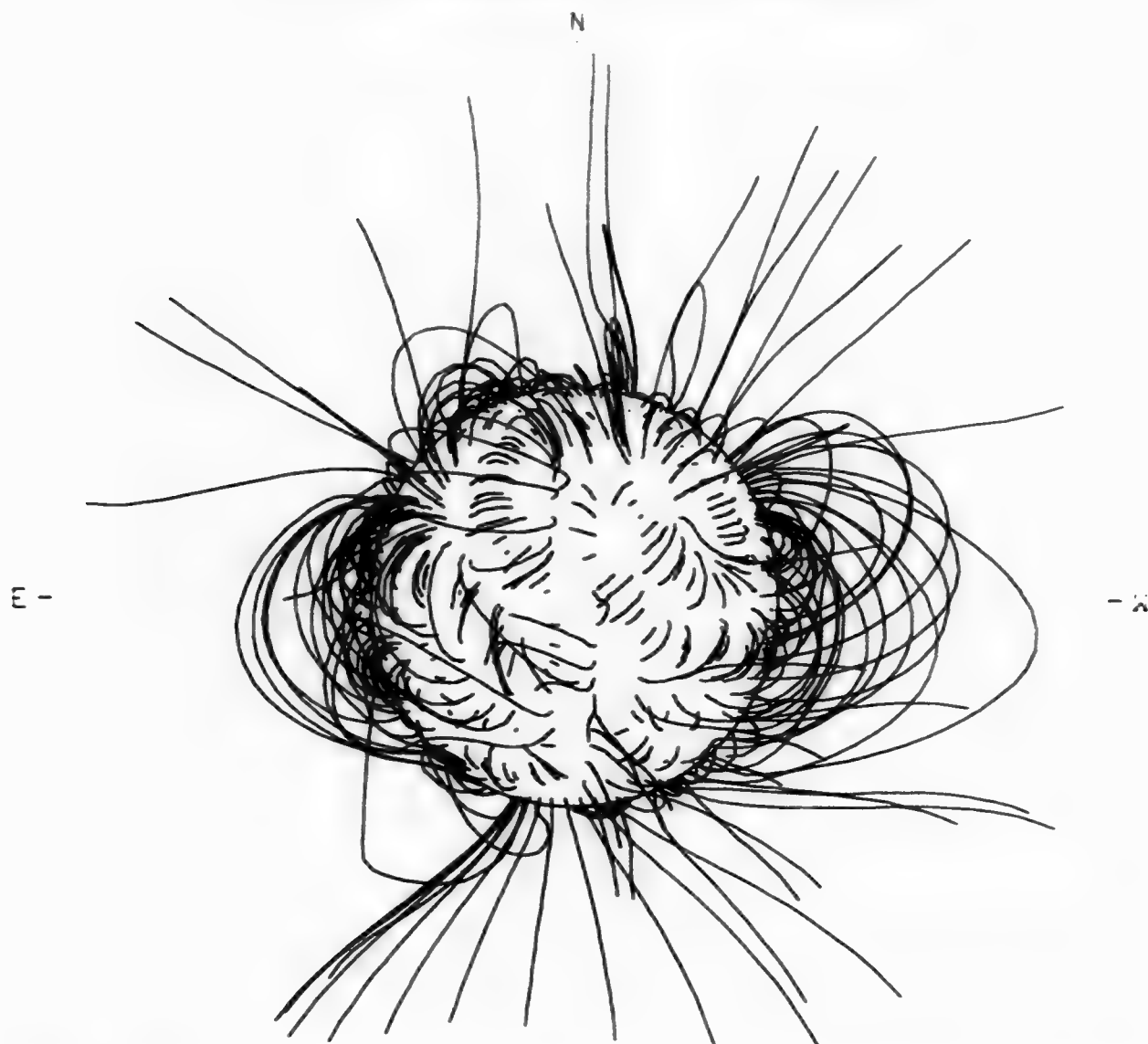
1
S

ROT. 1507 LONG. 291°
3.9 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

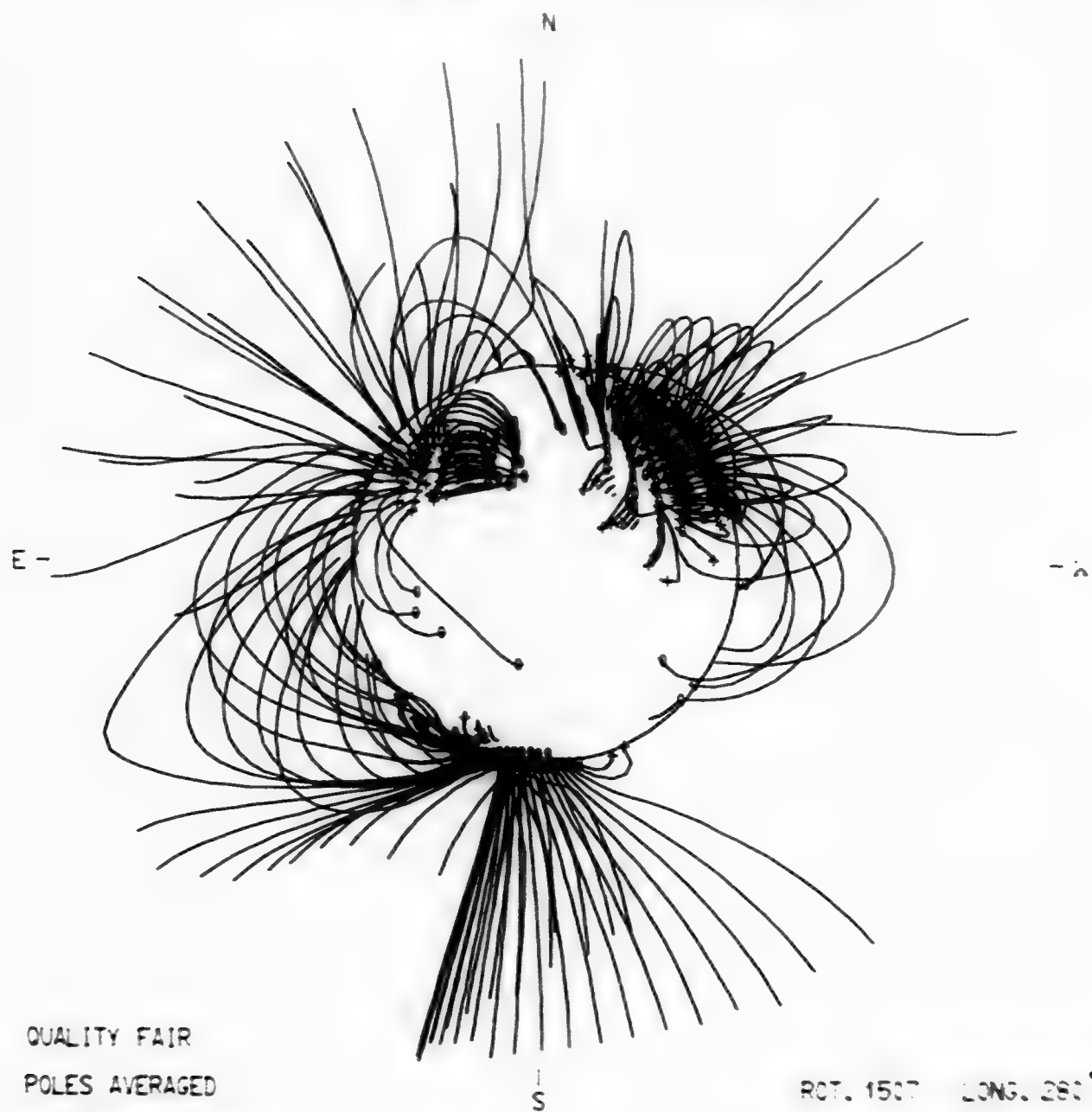
DATA WINDOW 1506.47

I
S

ROT. 1507 LONG. 290°

4.7 MAY 1966

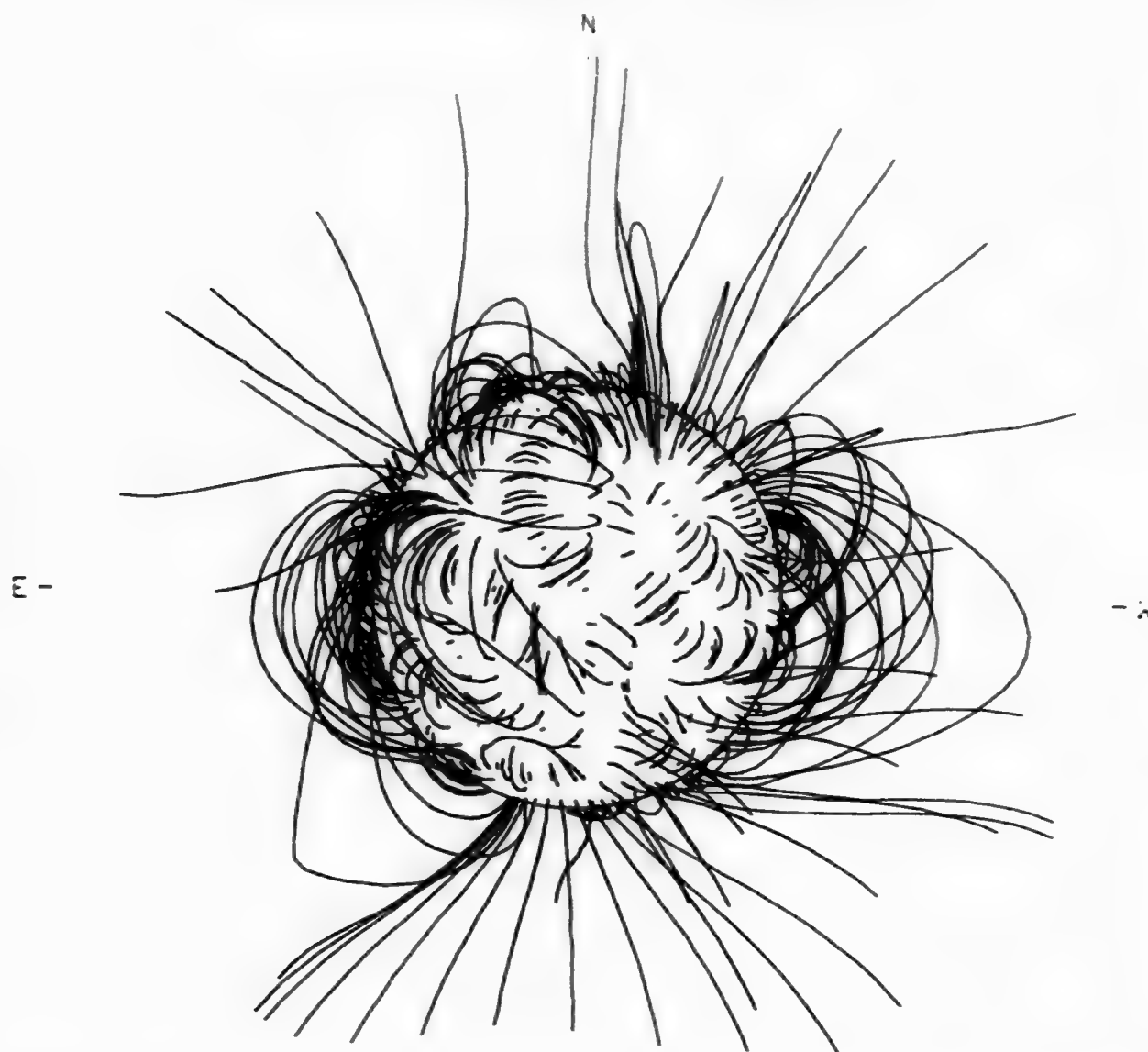
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

ROT. 1507 LONG. 280°
4.7 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

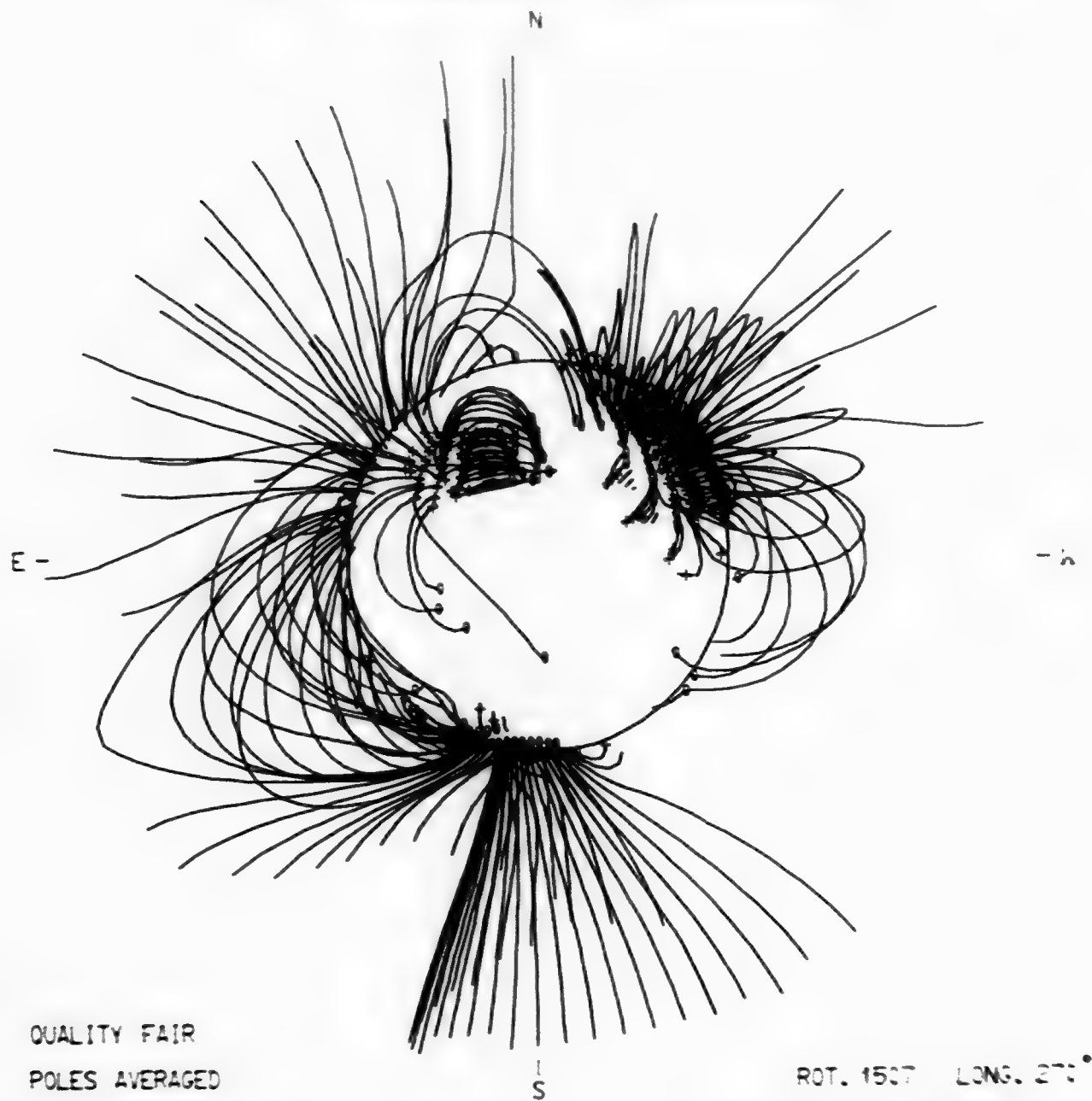


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

1
S

ROT. 1507 LONG. 270°
5.4 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

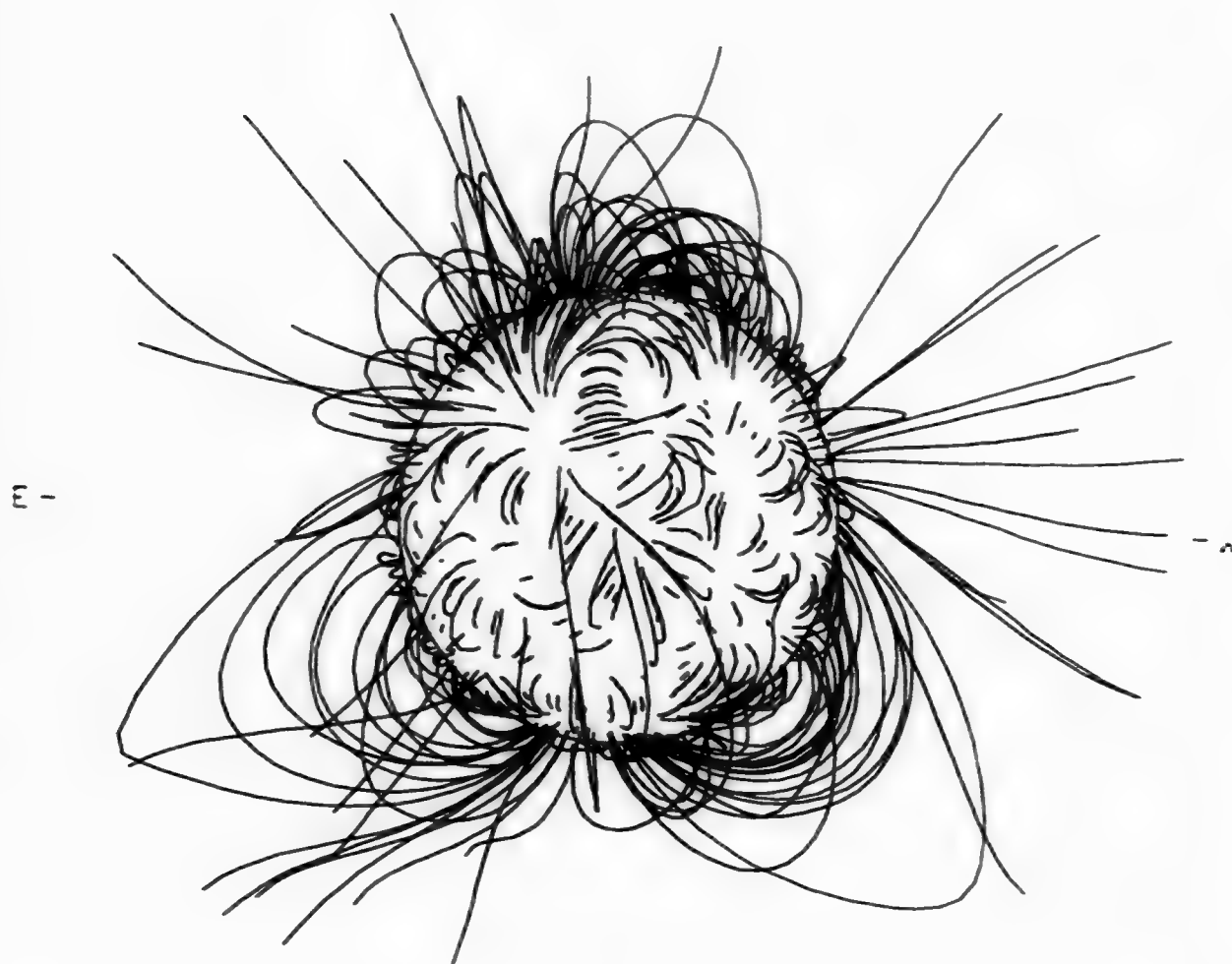


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1506.47

ROT. 1507 LONG. 271°
5.4 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

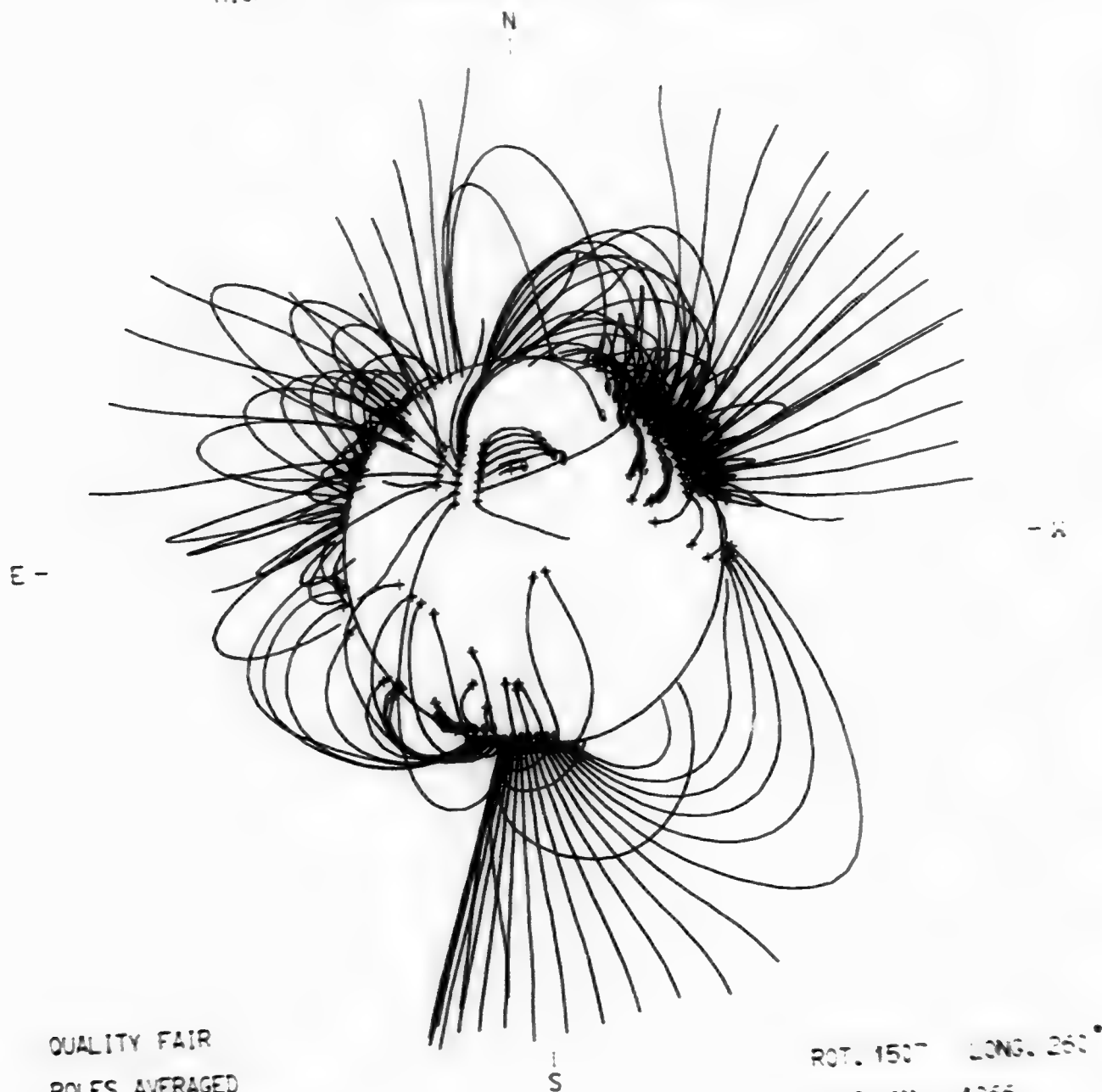
N



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

ROT. 1507 LONG. 261°
6.2 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

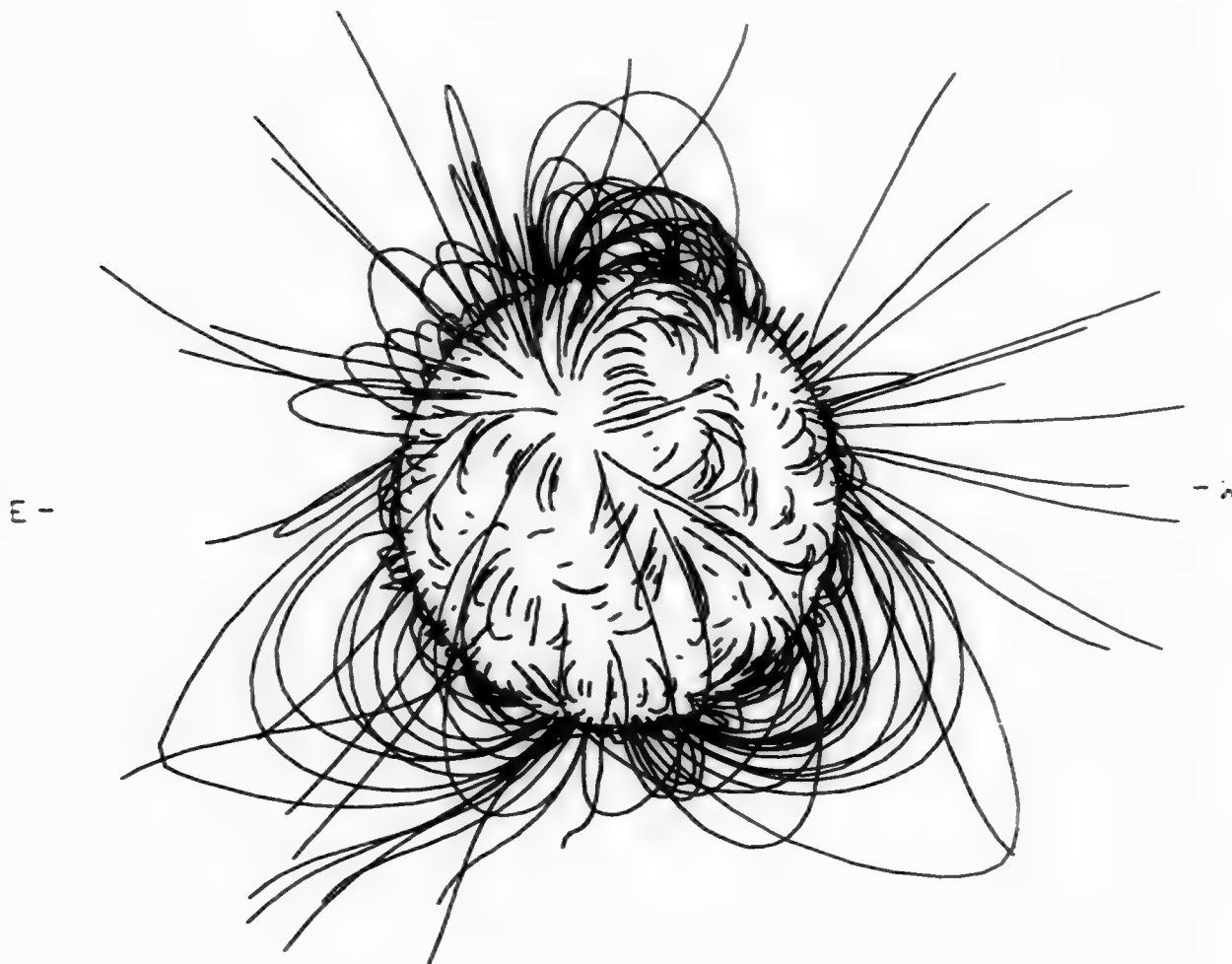


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

ROT. 150° LONG. 260°
6.2 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

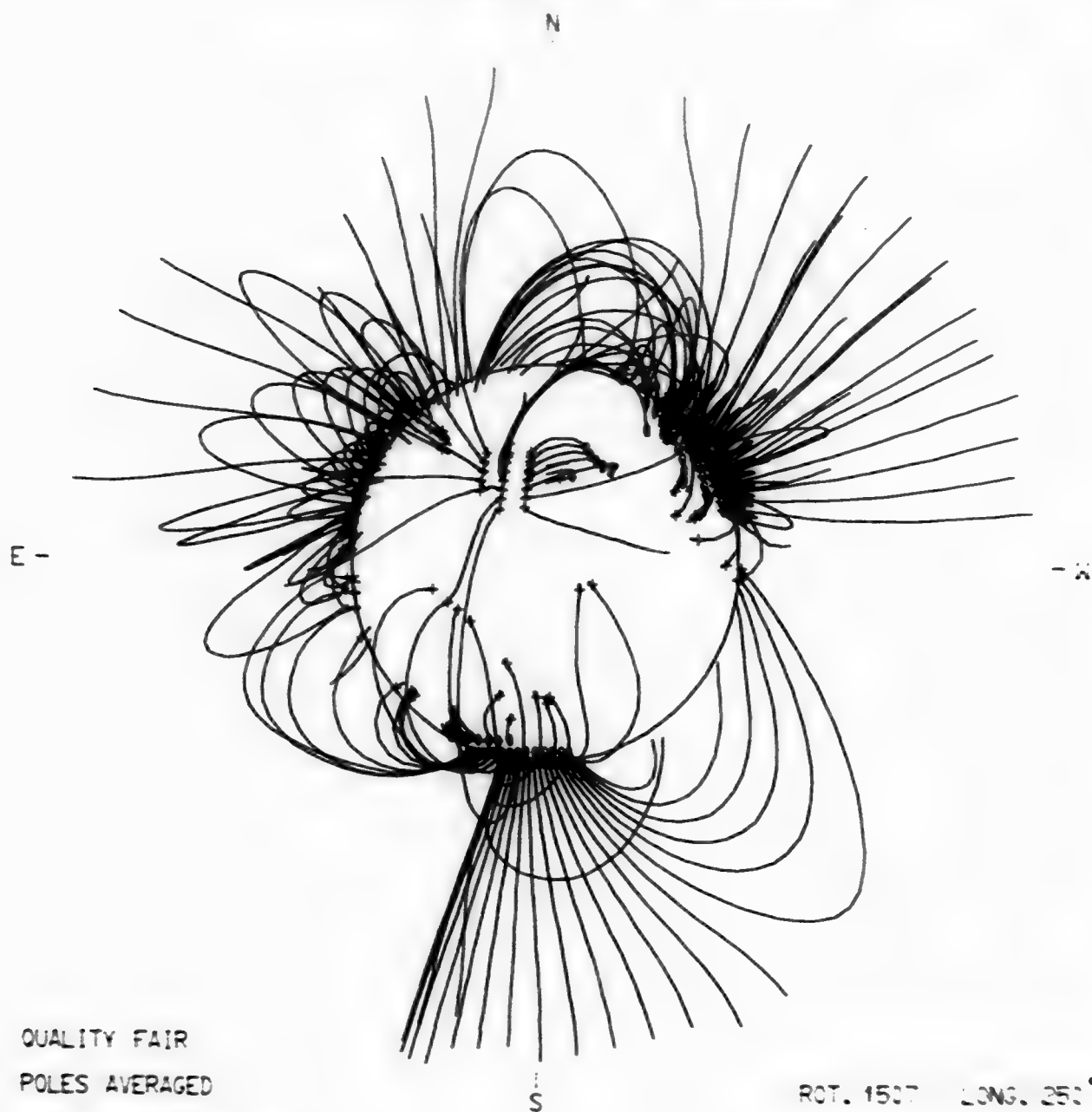
DATA WINDOW 1507.00

i
S

ROT. 1507 LONG. 251°

6.9 MAY 1966

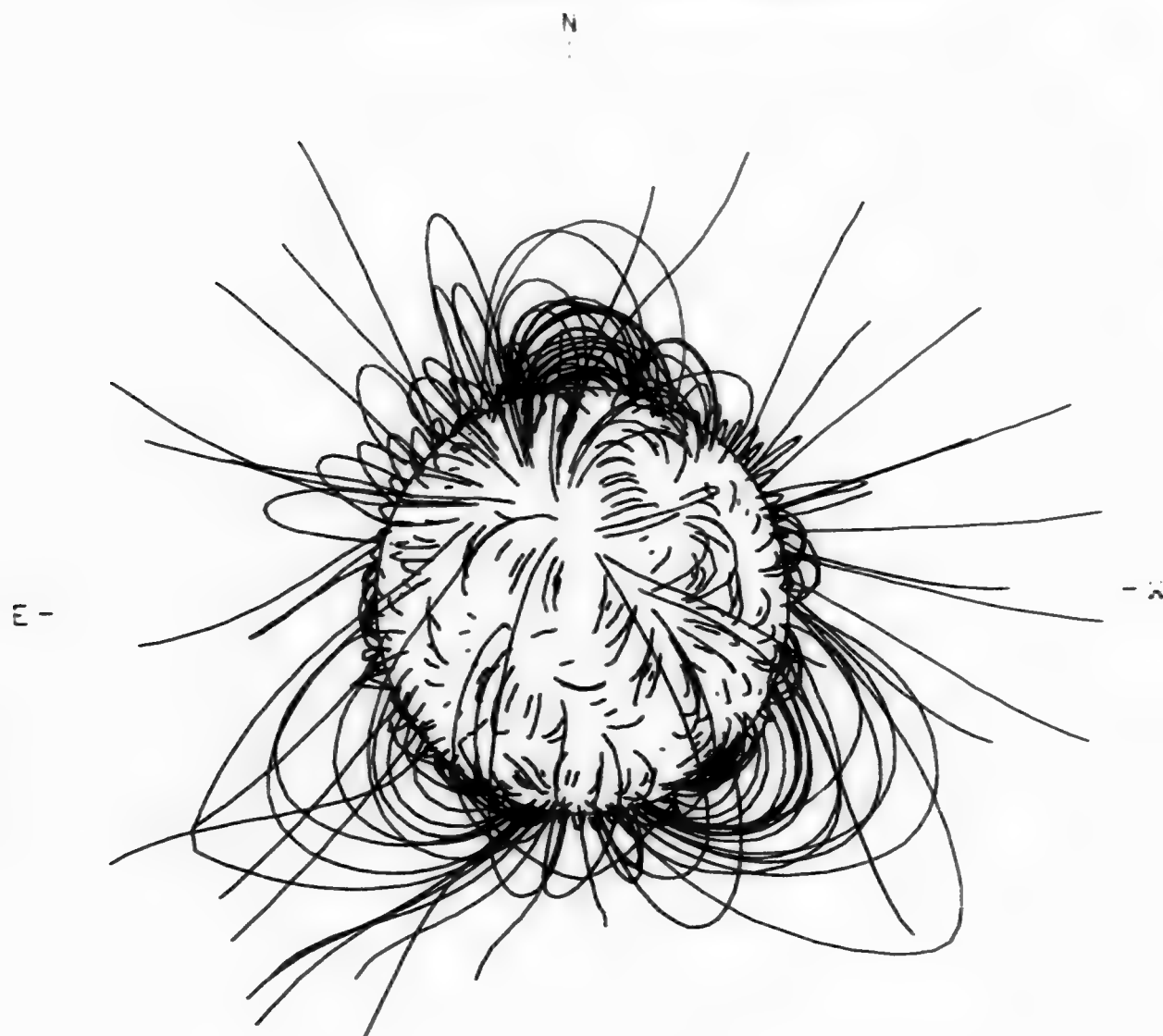
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

ROT. 1507 LONG. 250°
6.9 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



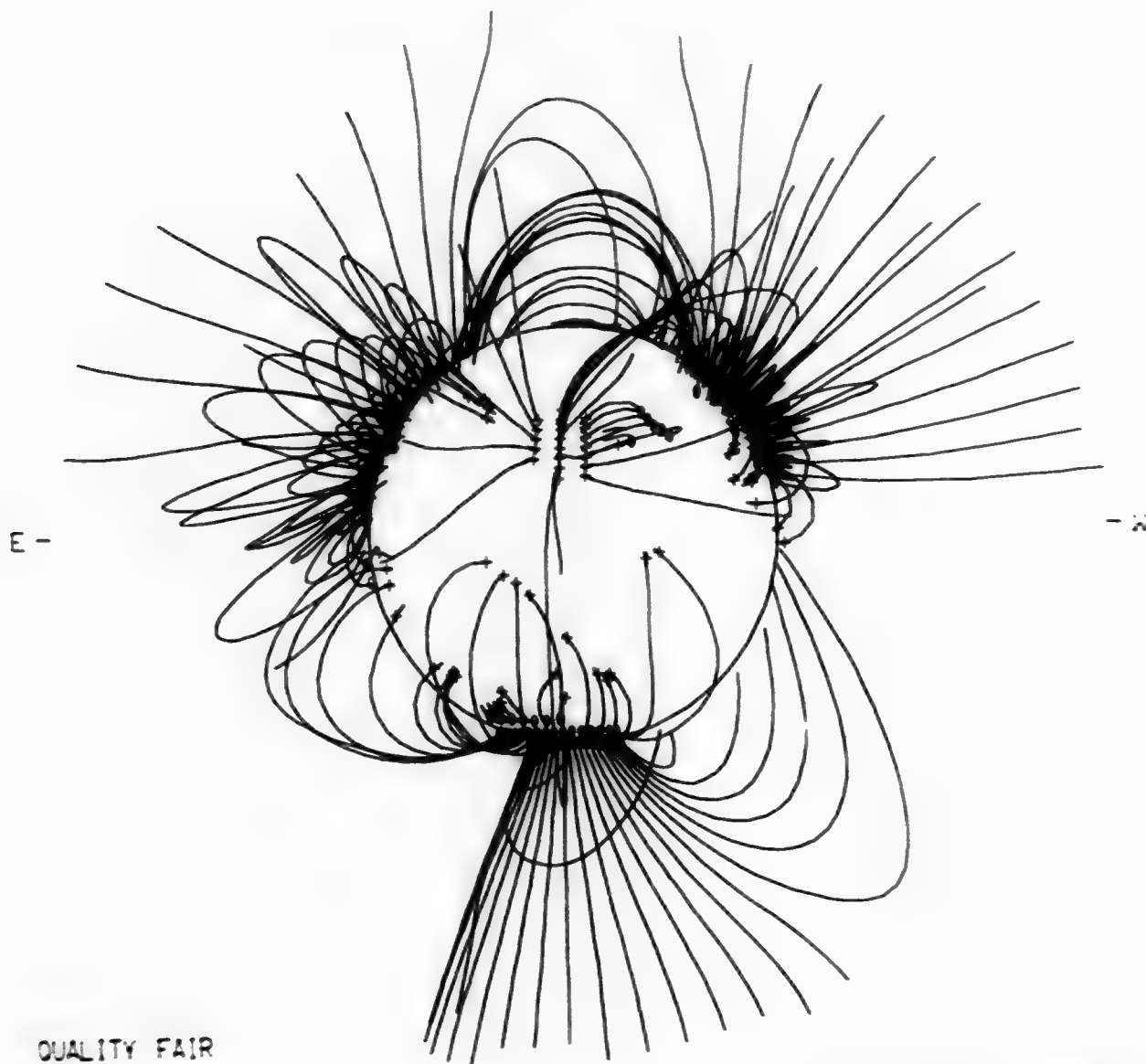
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

I
S

ROT. 1507 LONG. 240°
7.7 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



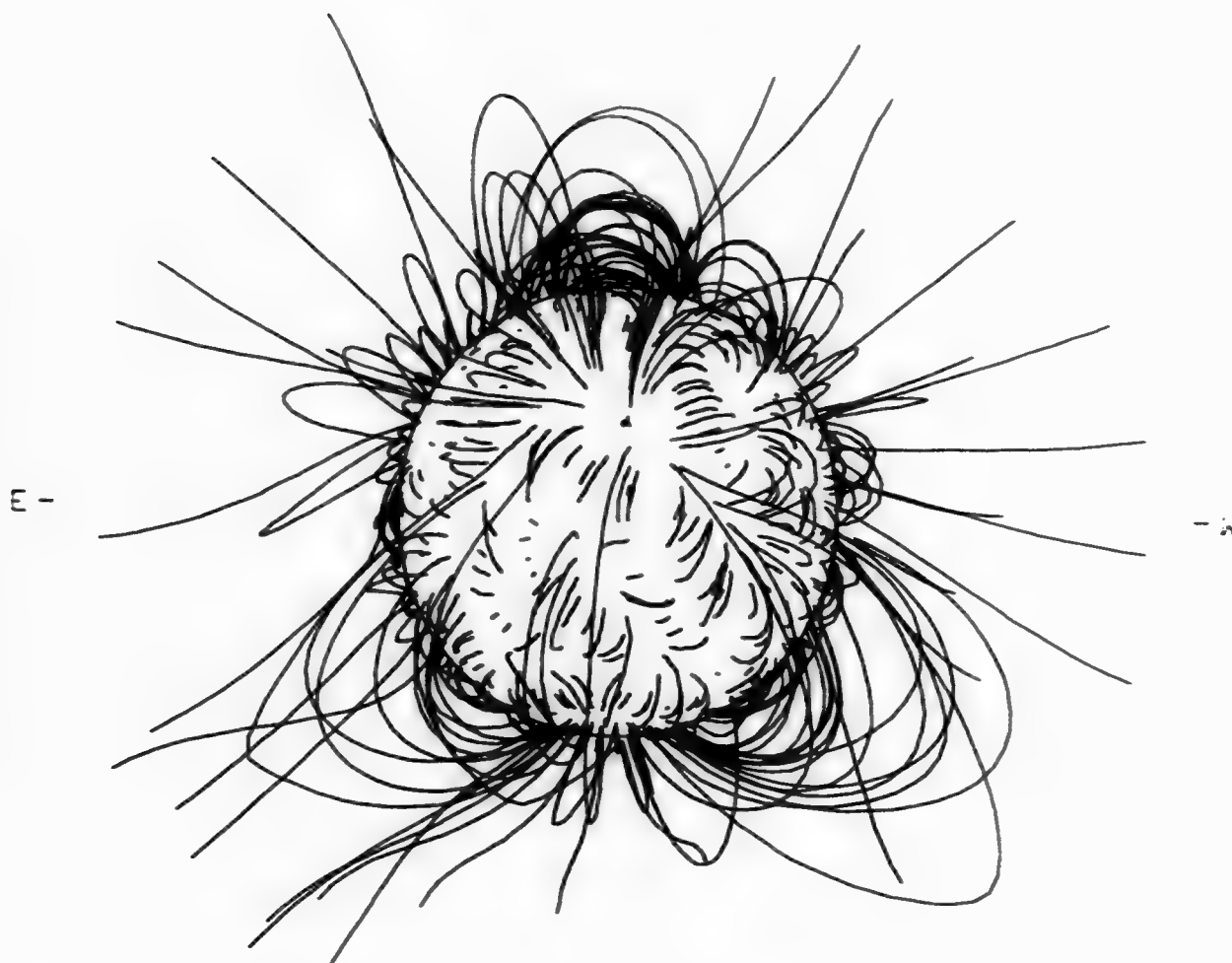
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

S

ROT. 150° LONG. 240°
7.7 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



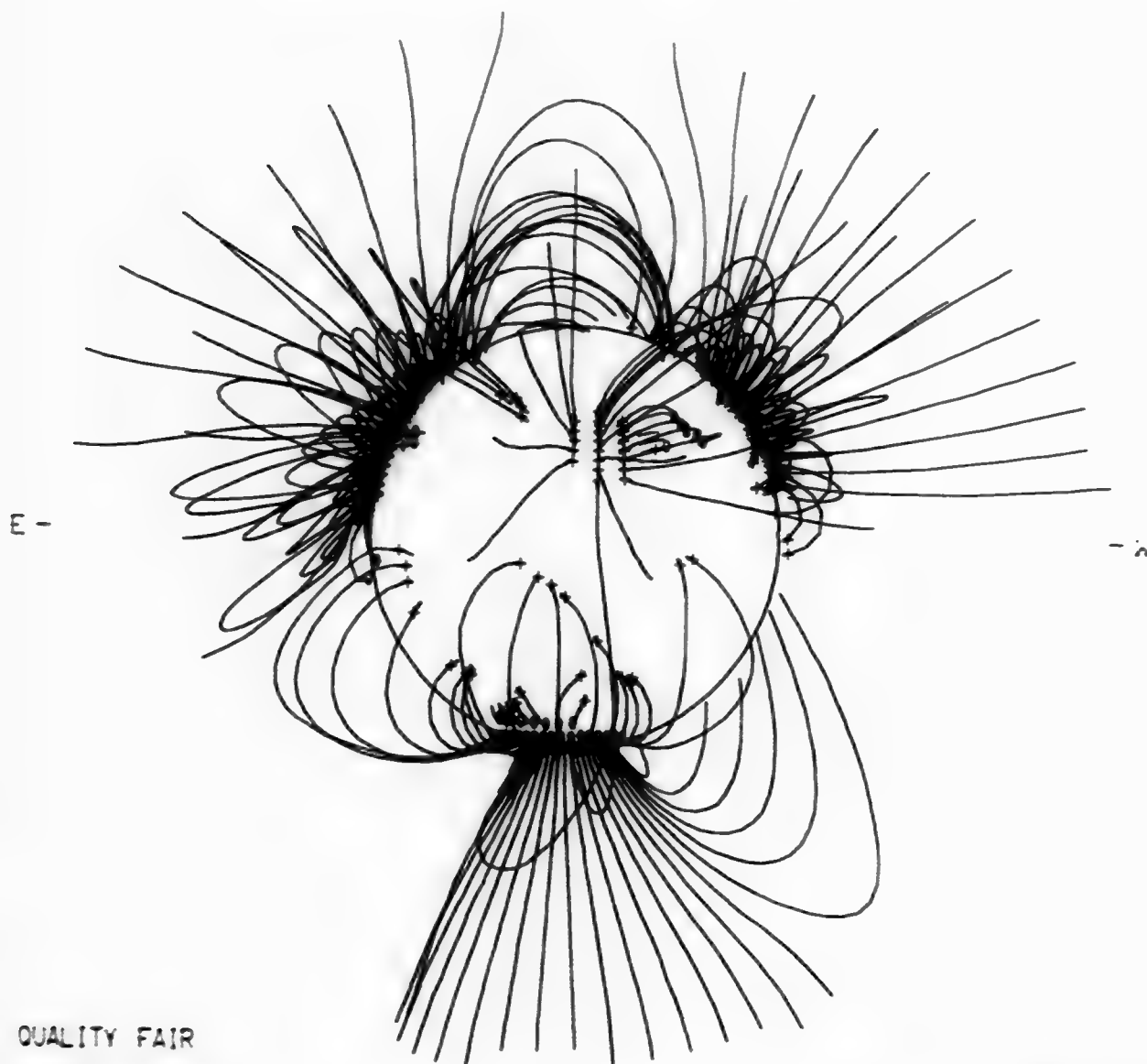
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

S

ROT. 1507 LONG. 231°
8.4 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1507.00

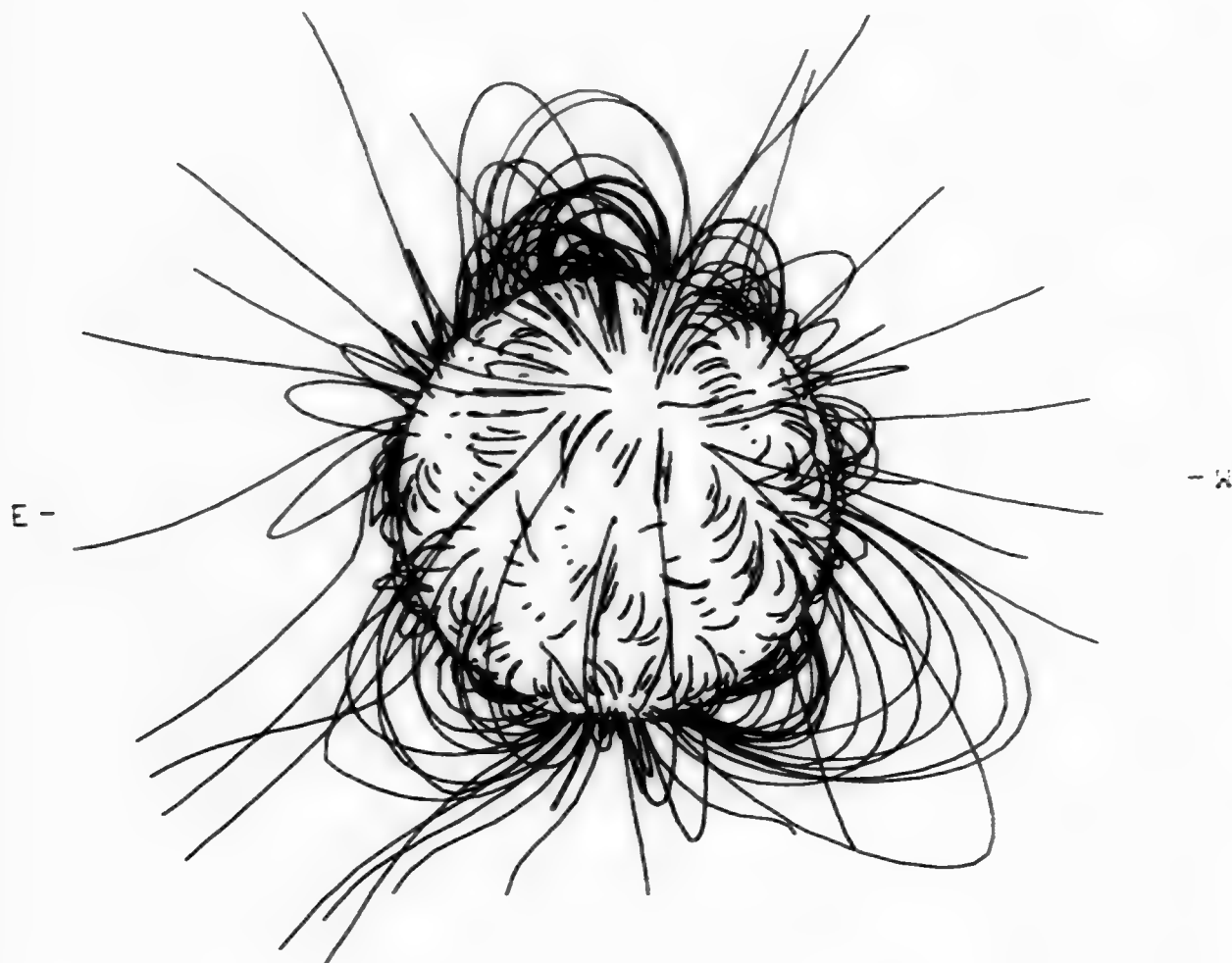
S

ROT. 1507 LONG. 250°

8.4 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

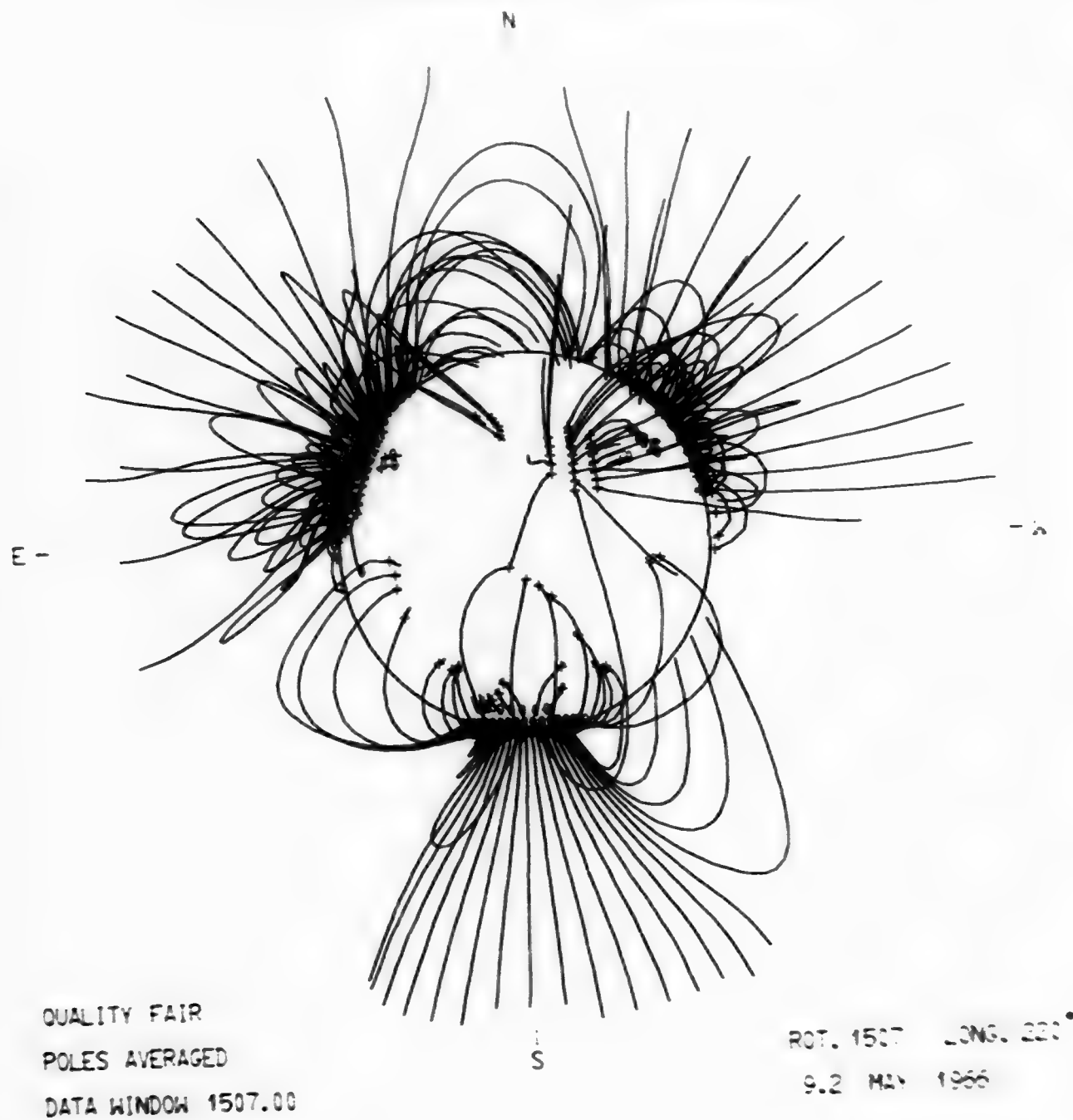


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

I
S

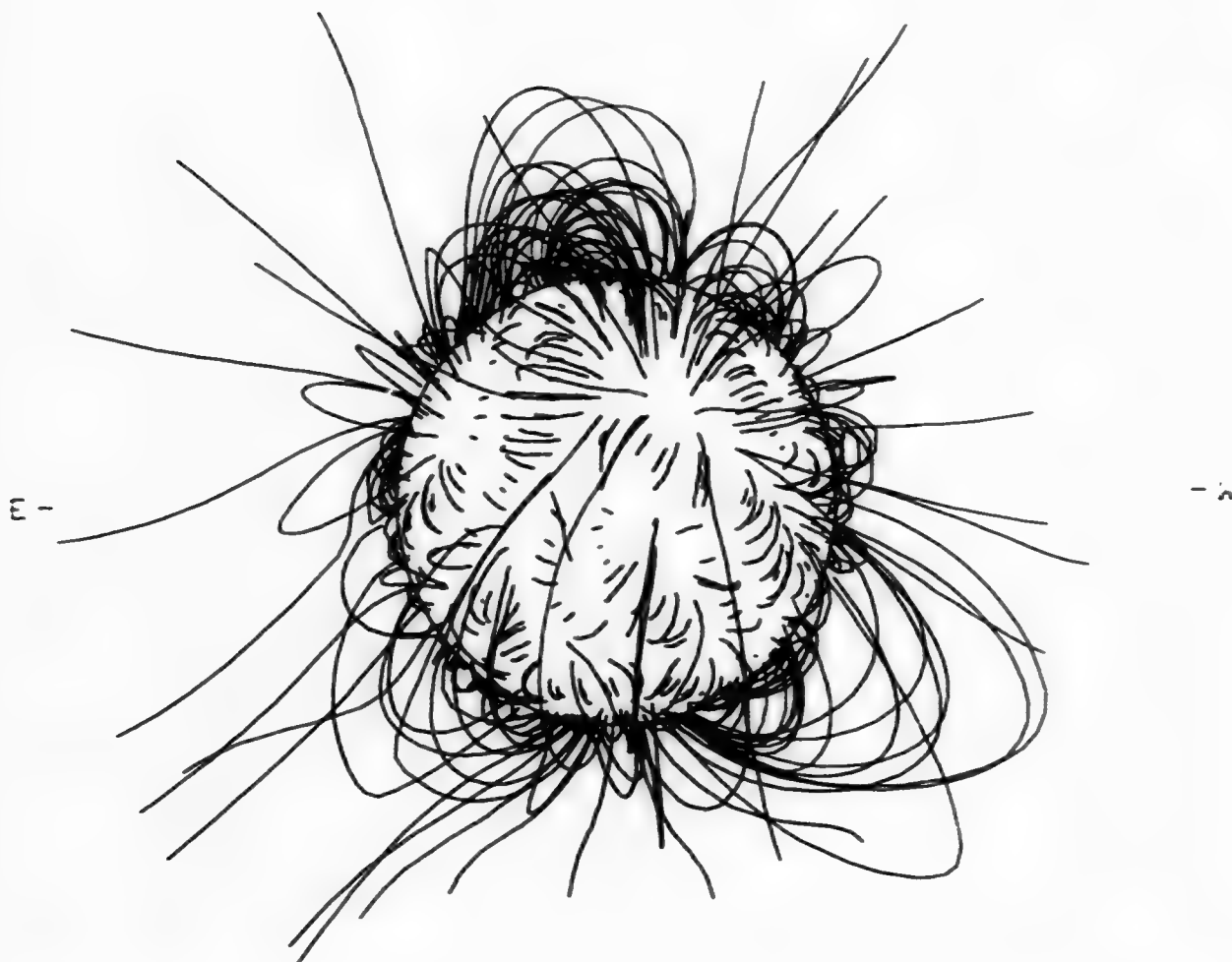
ROT. 1507 LONG. 220°
9.2 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

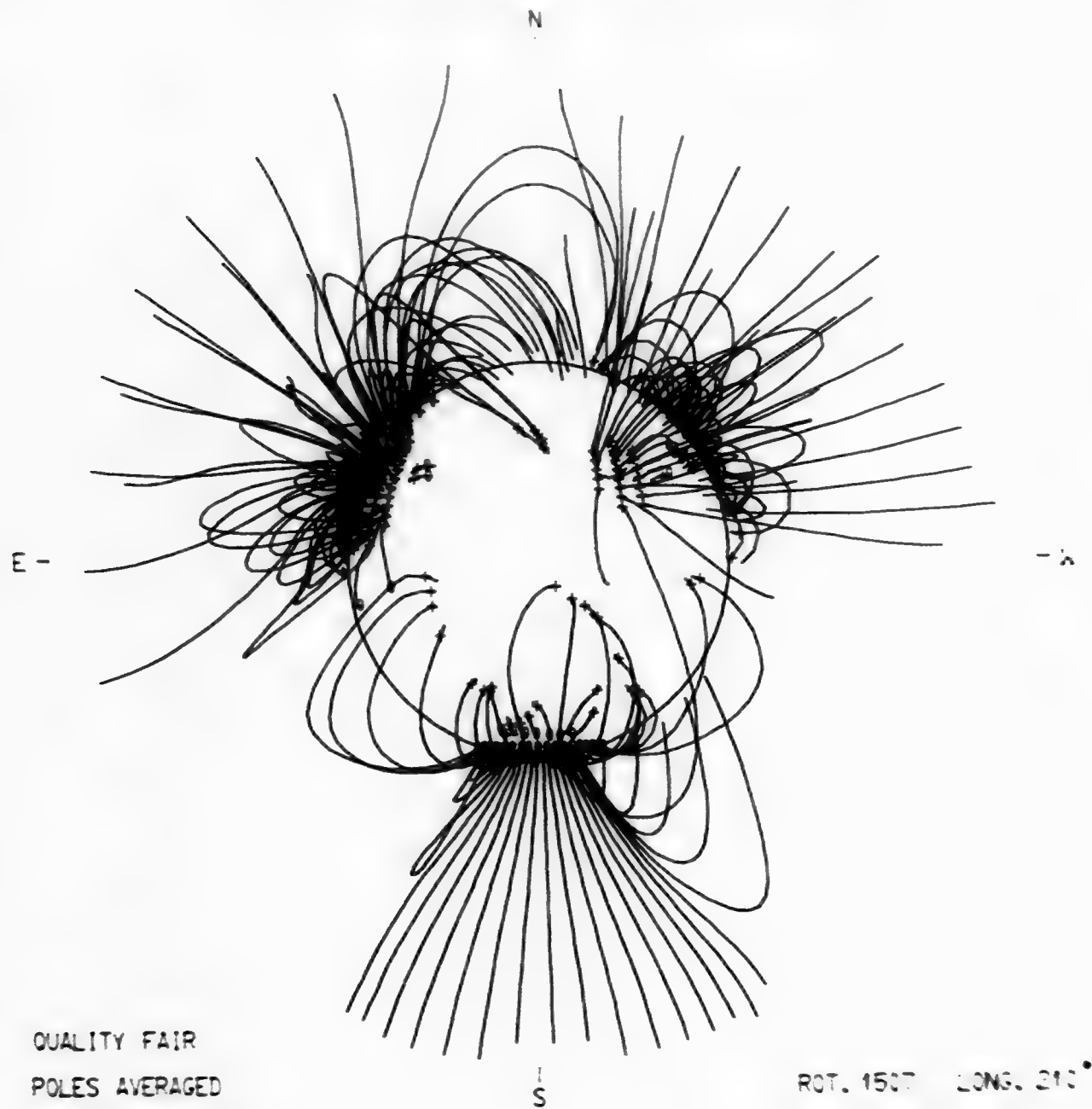


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

S

ROT. 1507 LONG. 210°
9.9 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

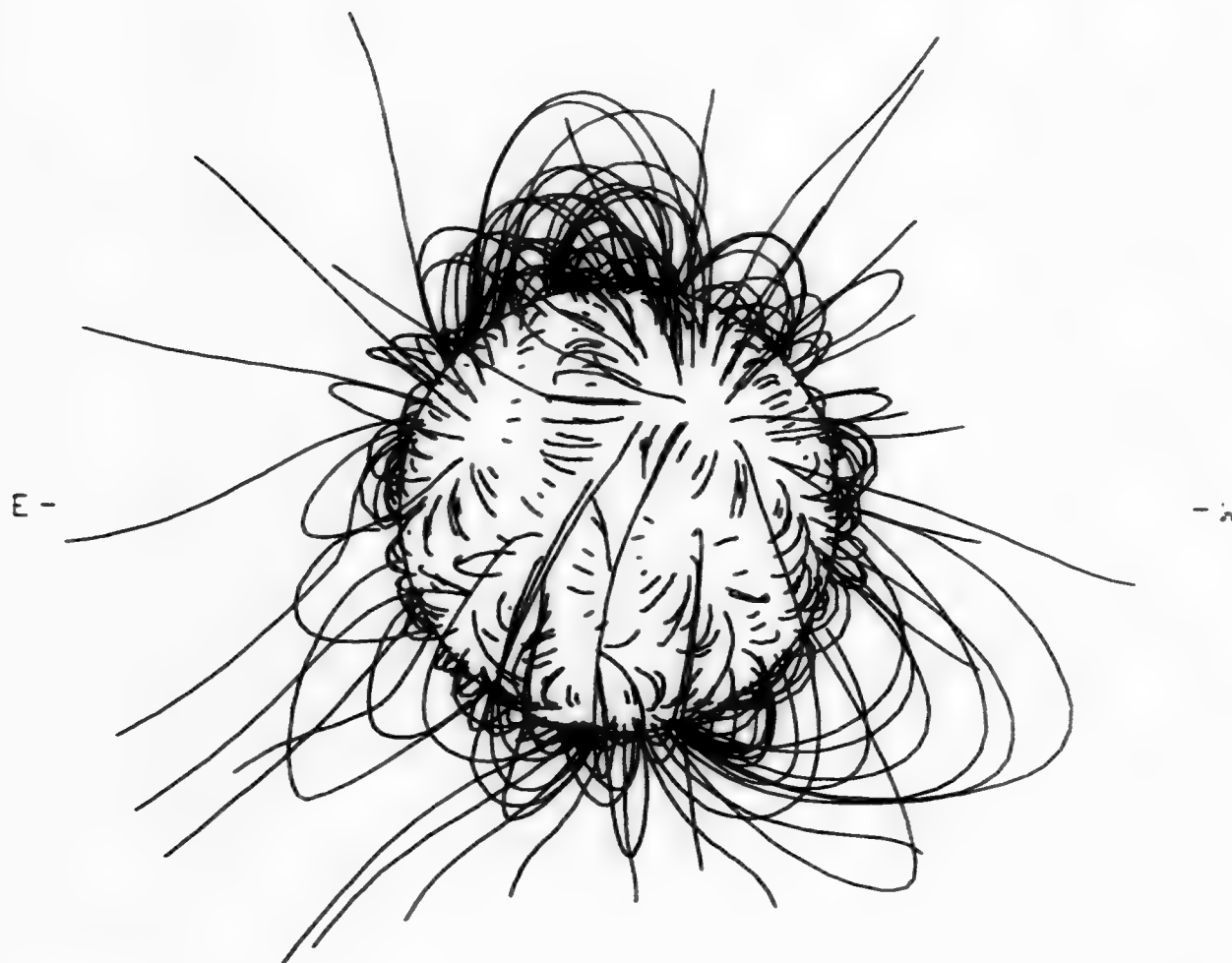


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

ROT. 1507 LONG. 210°
9.9 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1507.00

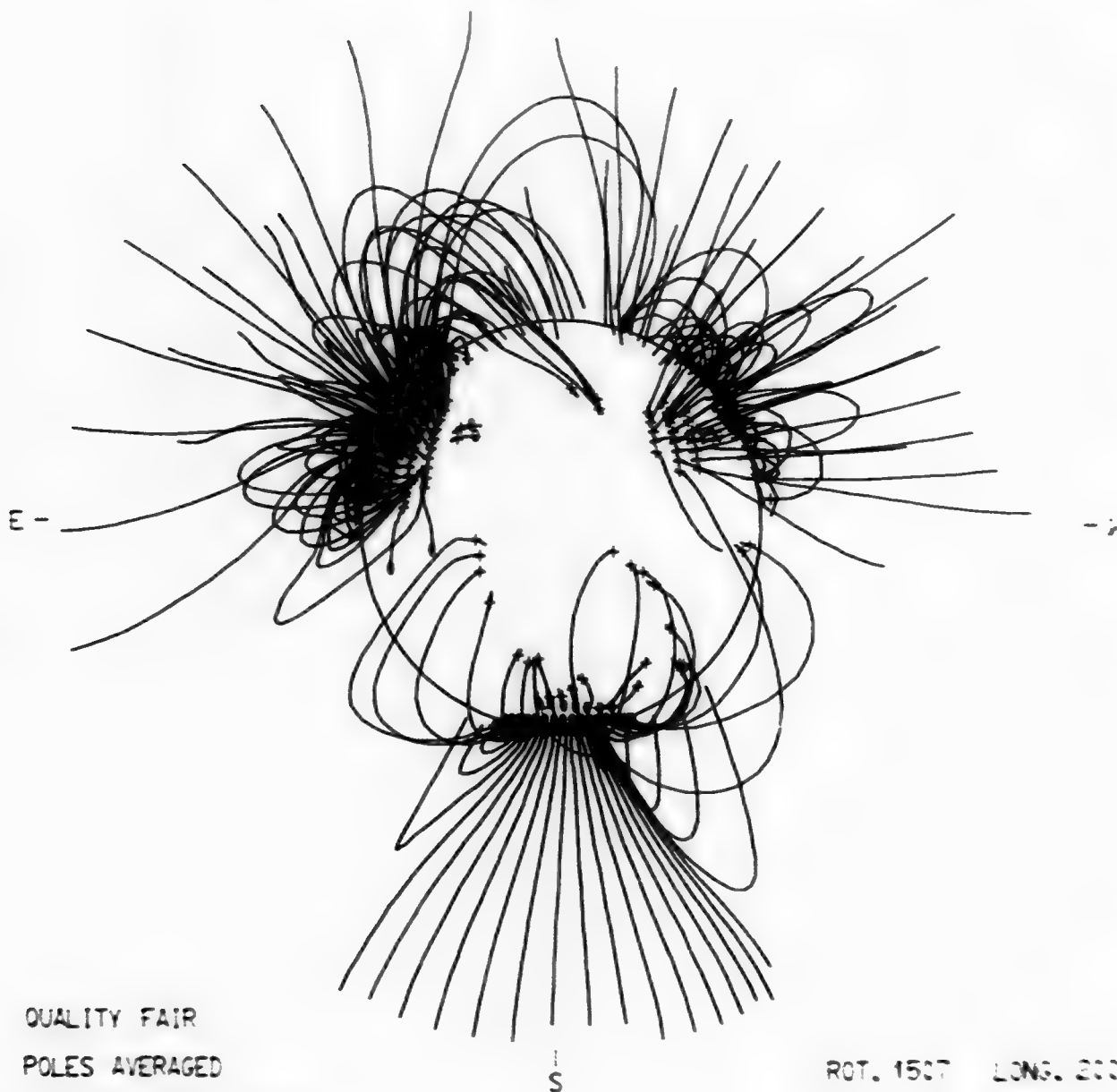
i
S

ROT. 1507 LONG. 200°

10.7 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

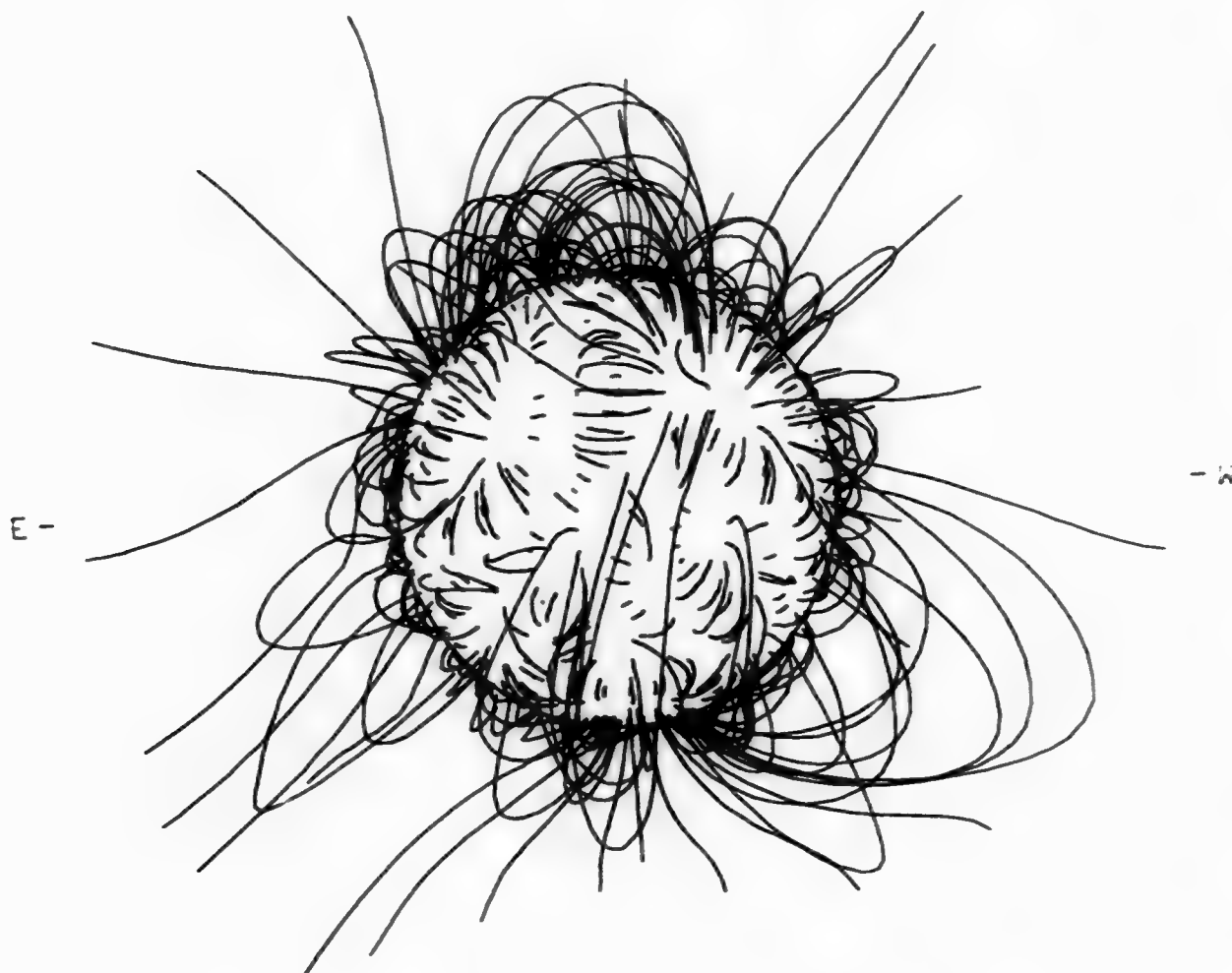
DATA WINDOW 1507.00

ROT. 1507 LONG. 200°

10.7 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

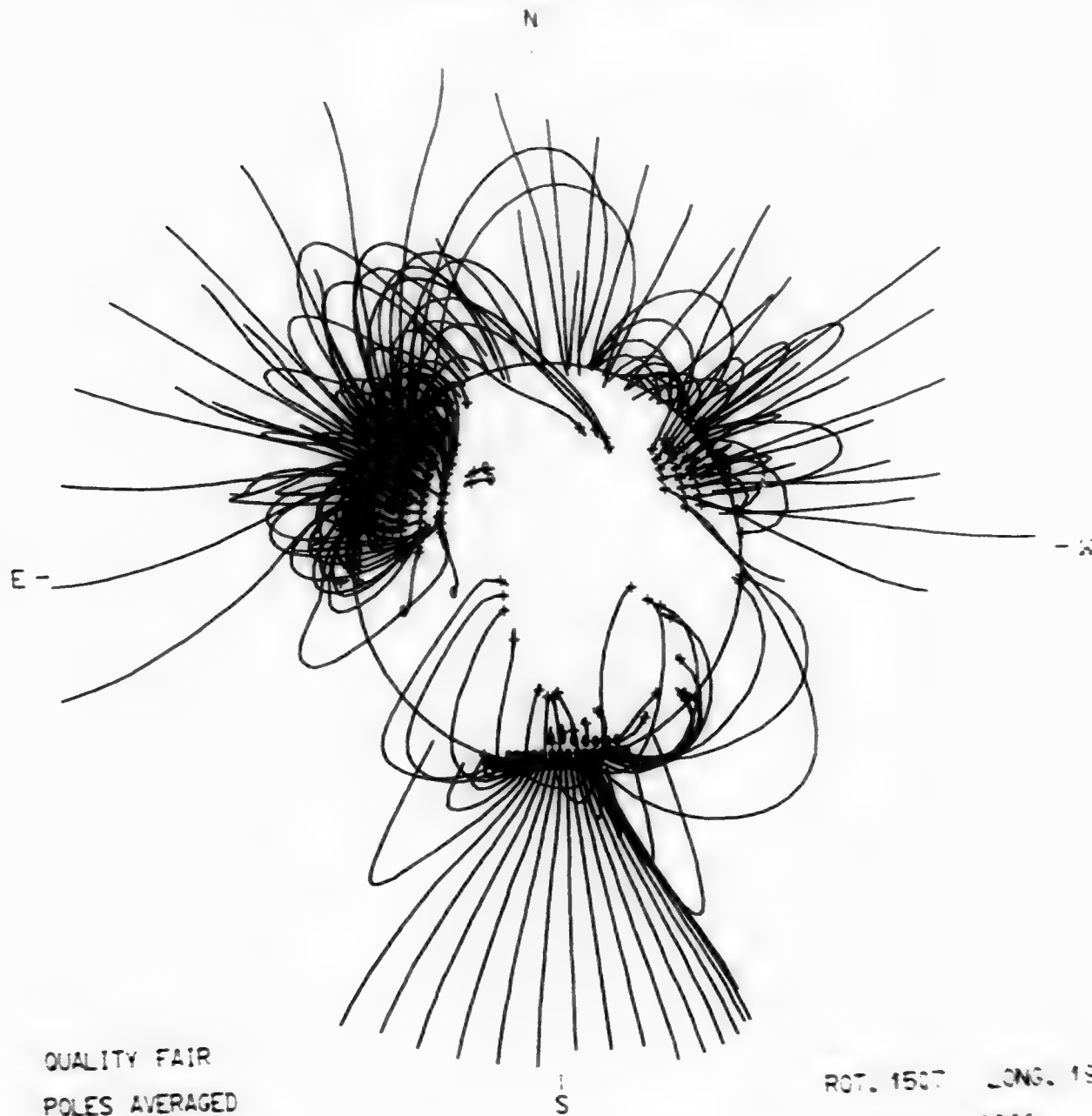


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

S

ROT. 1507 LONG. 190°
11.5 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

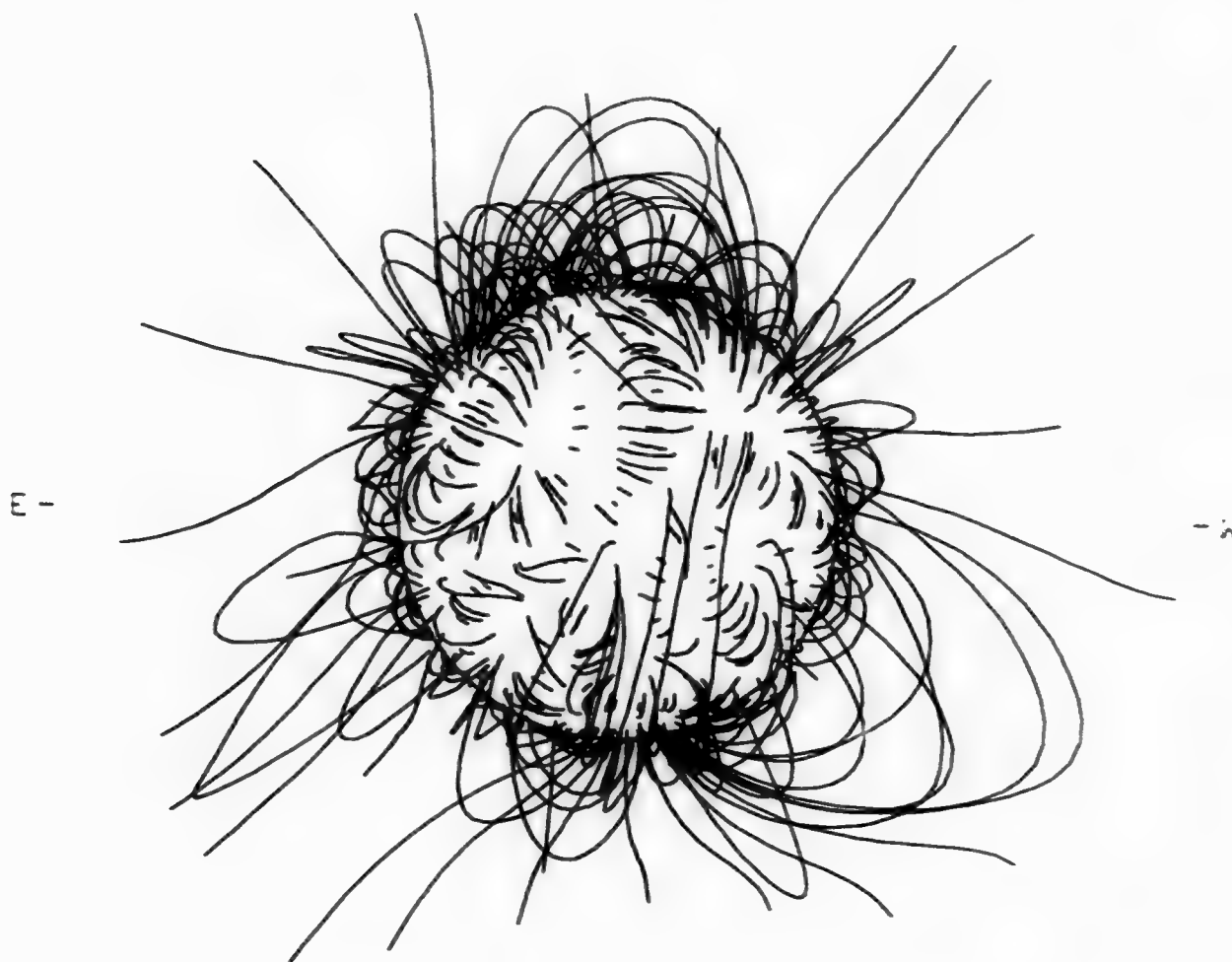


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

ROT. 1507 LONG. 190°
11.5 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



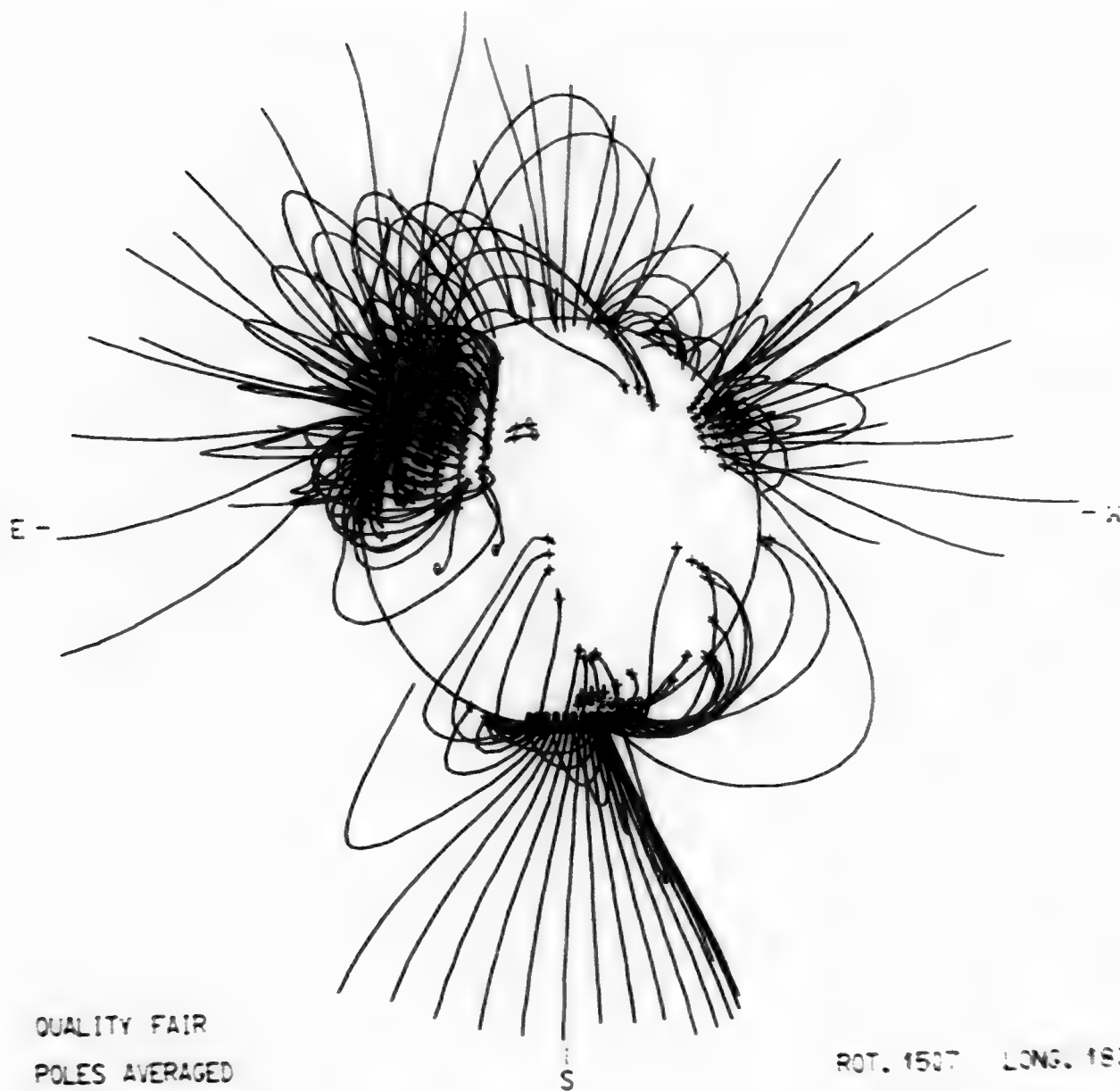
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

I
S

ROT. 1507 LONG. 181°
12.2 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

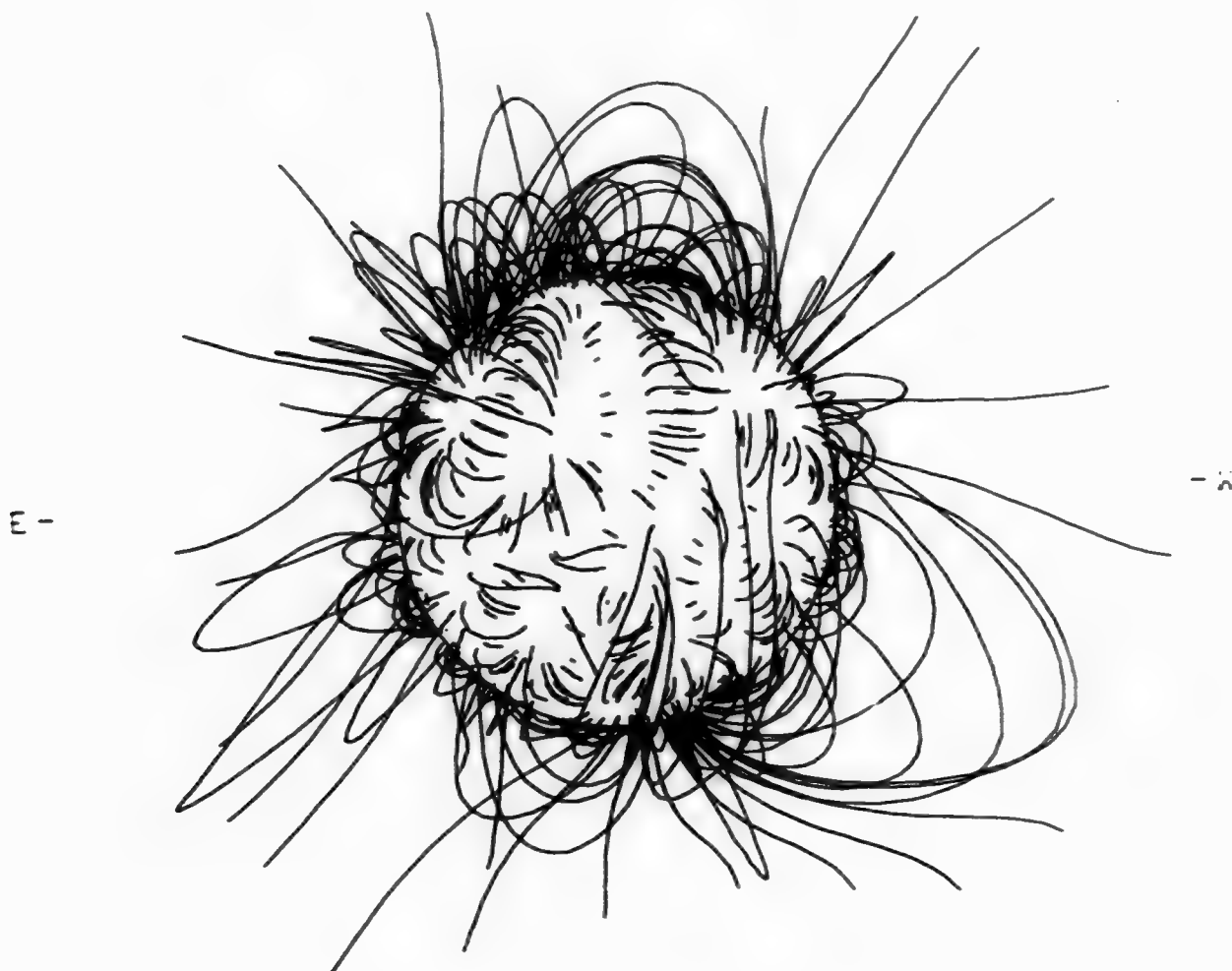


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

ROT. 1507 LONG. 180°
12.2 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



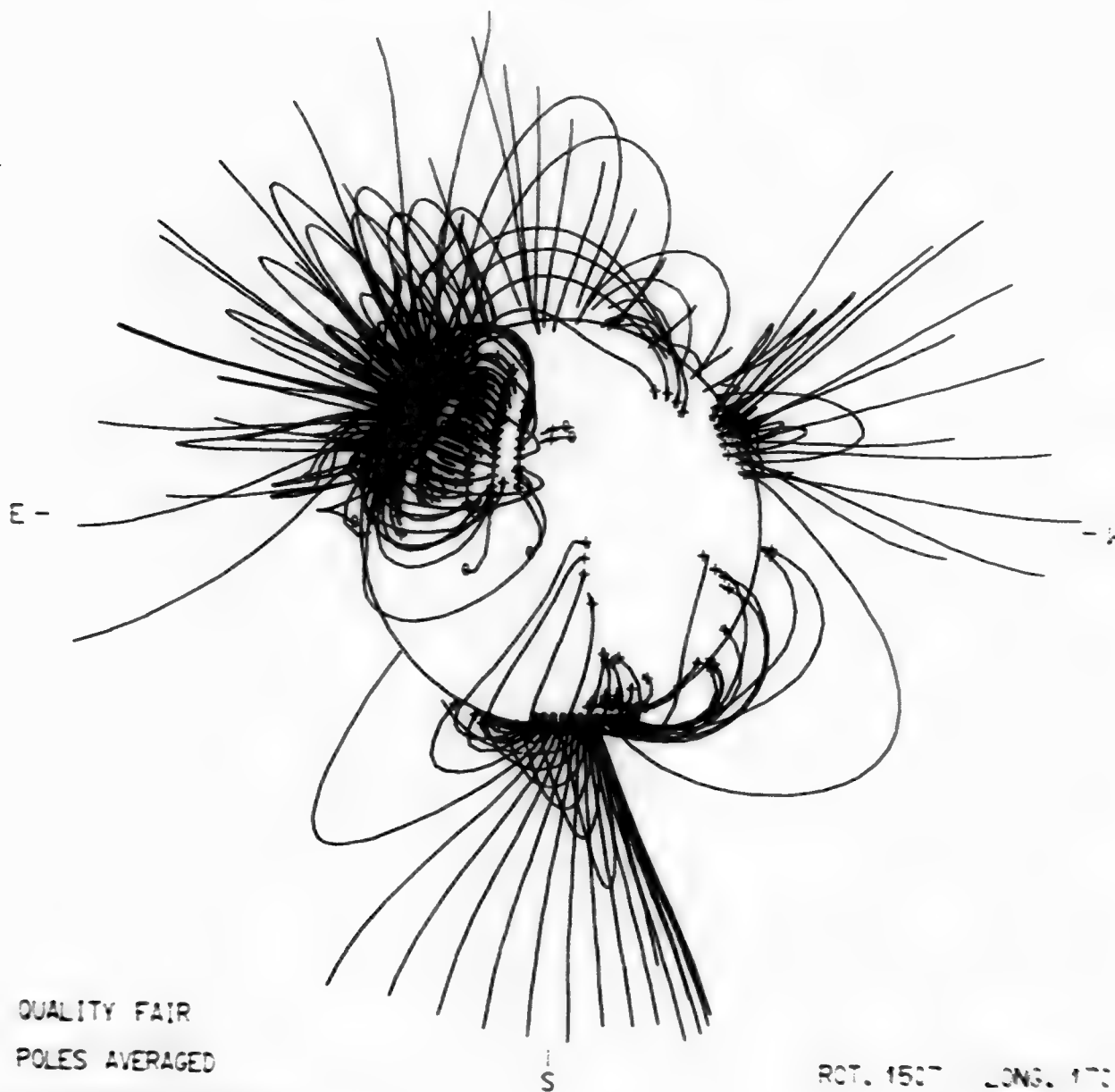
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

1
S

ROT. 1507 LONG. 170°
13.0 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

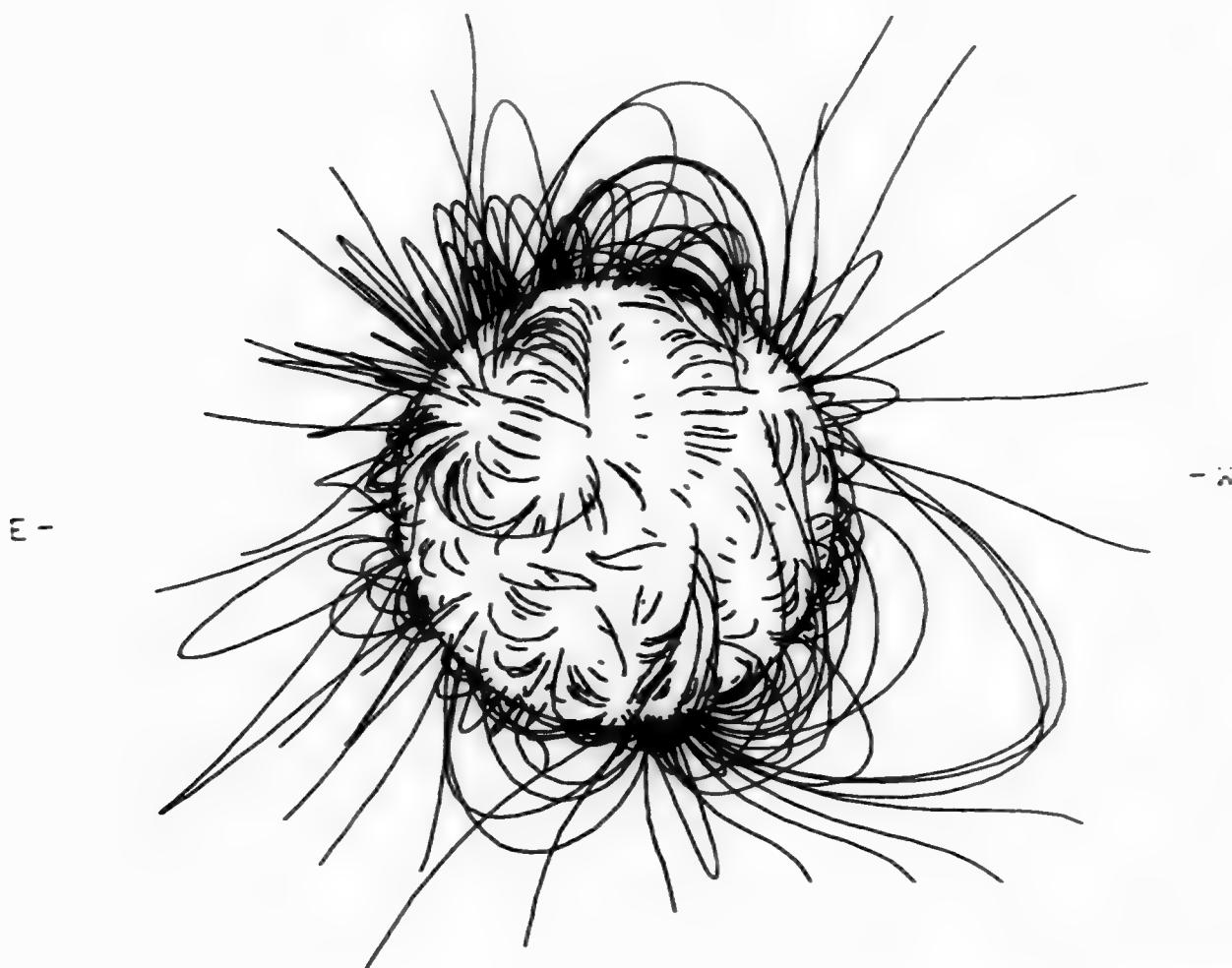
DATA WINDOW 1507.00

ROT. 1507 LONG. 170°

13.0 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



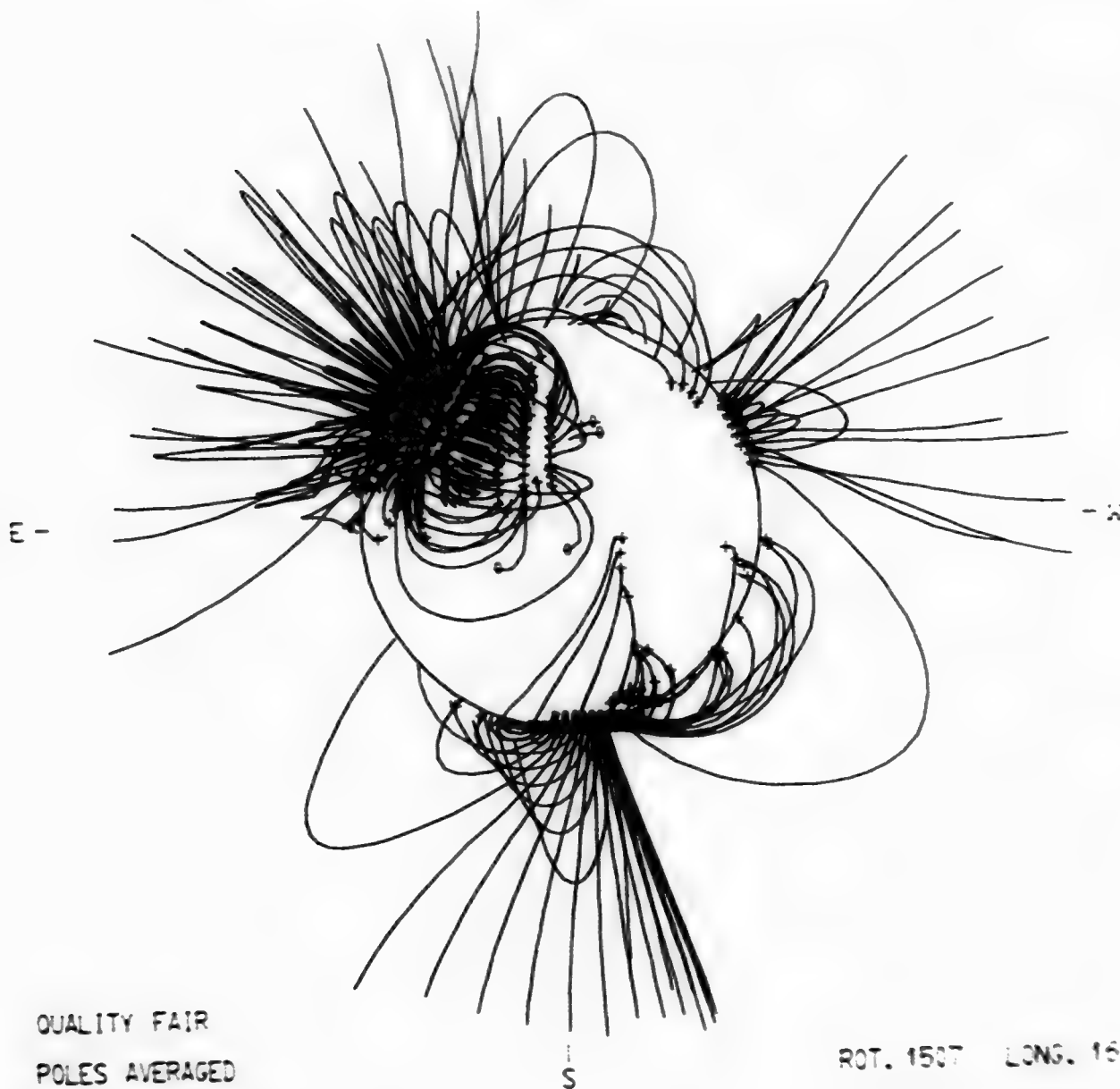
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

S

ROT. 1507 LONG. 160°
13.7 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

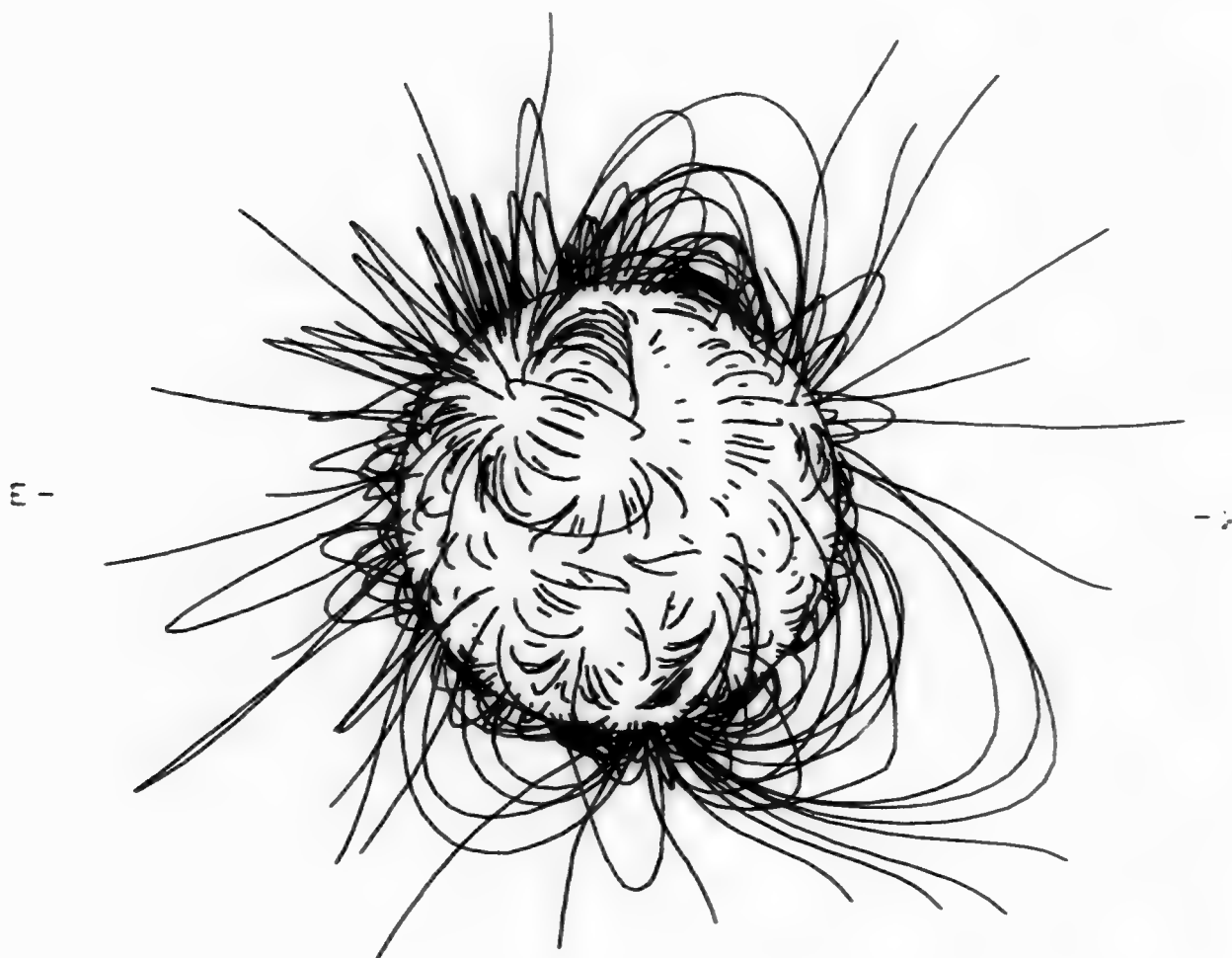


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

ROT. 1507 LONG. 160°
13.7 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

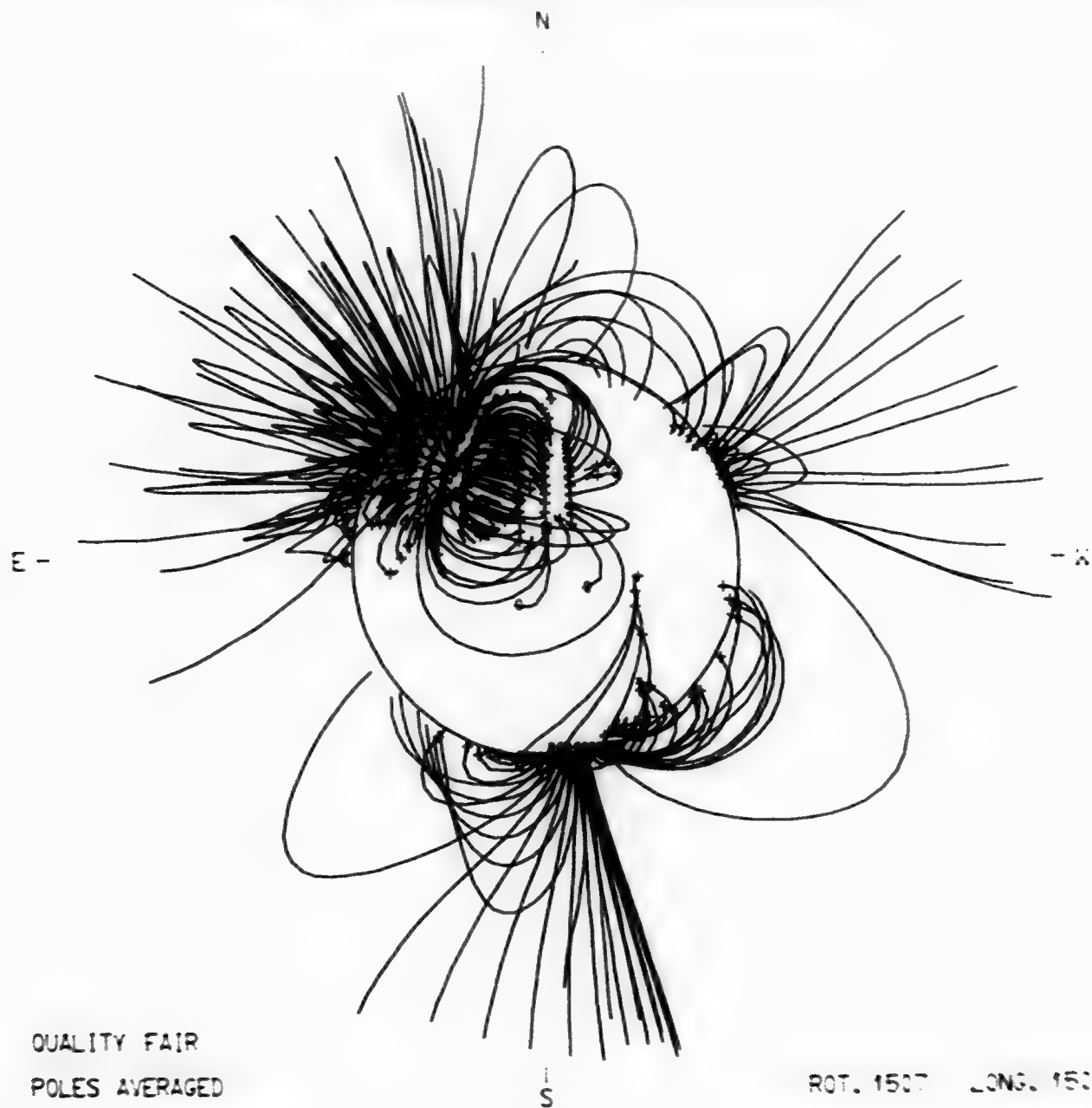


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

S

ROT. 1507 LONG. 150°
14.5 MAY 1966

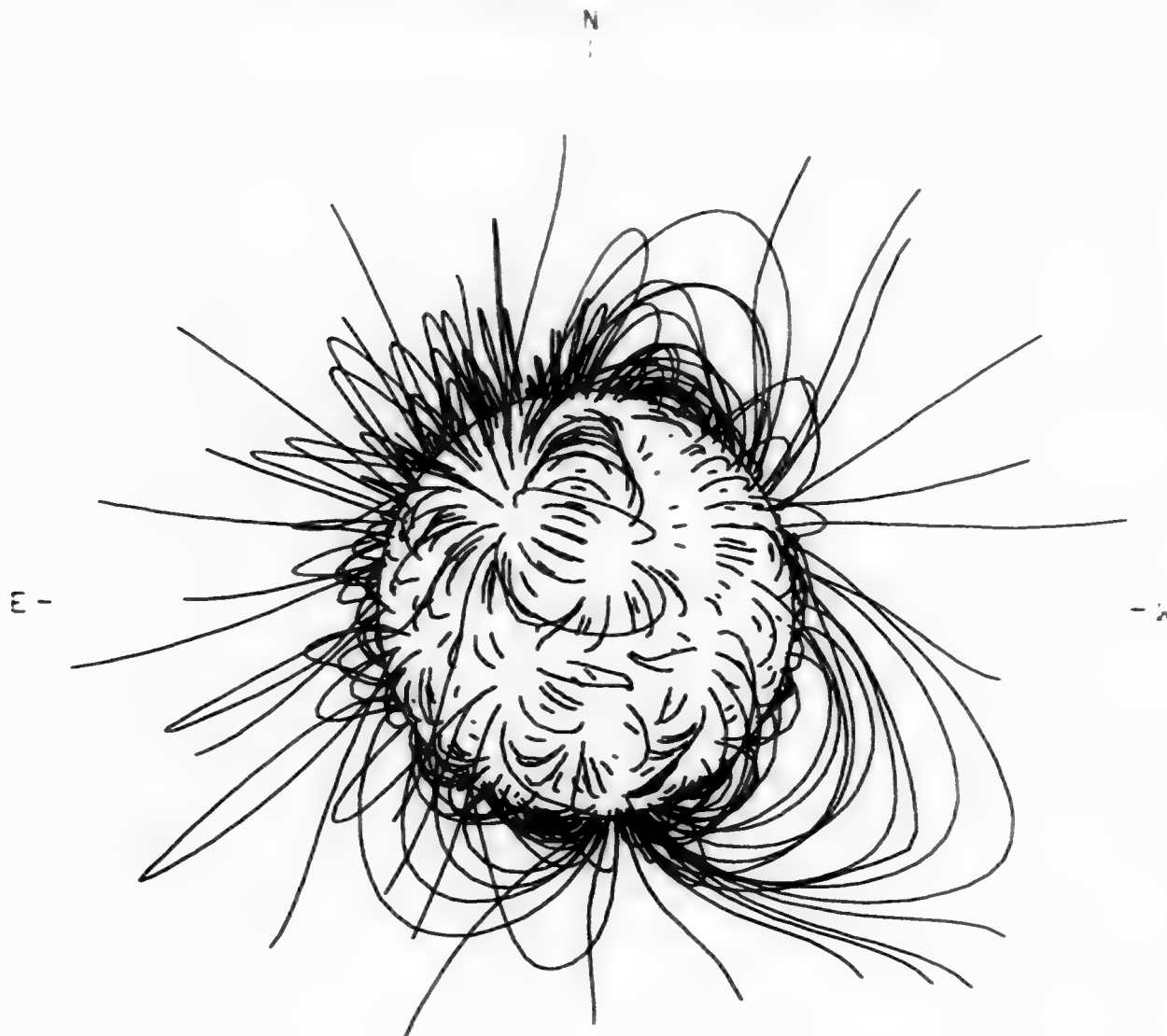
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

ROT. 1507 LONG. 151°
14.5 MAY 1966

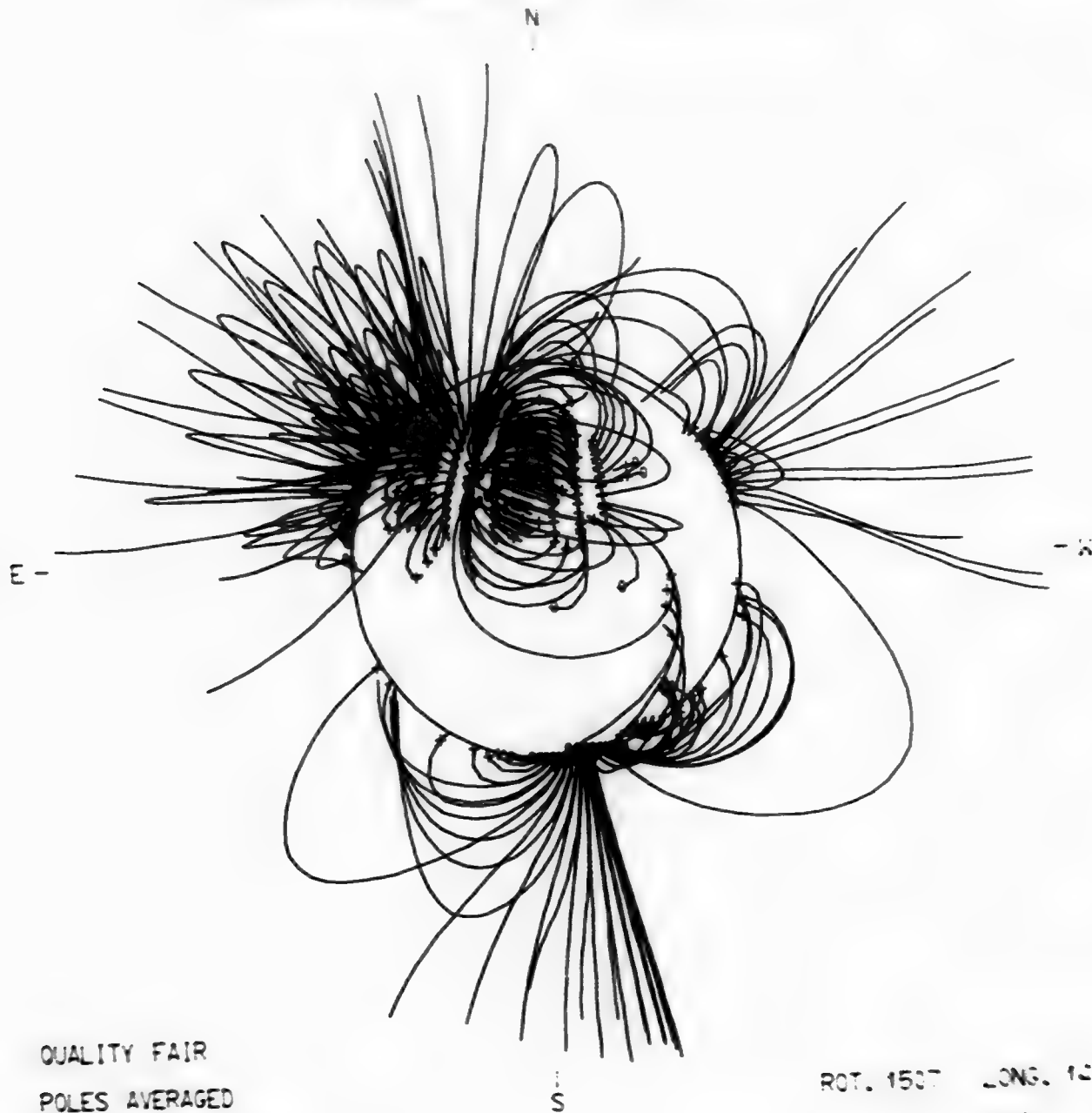
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

ROT. 1507 LONG. 140°
15.2 MAY 1966

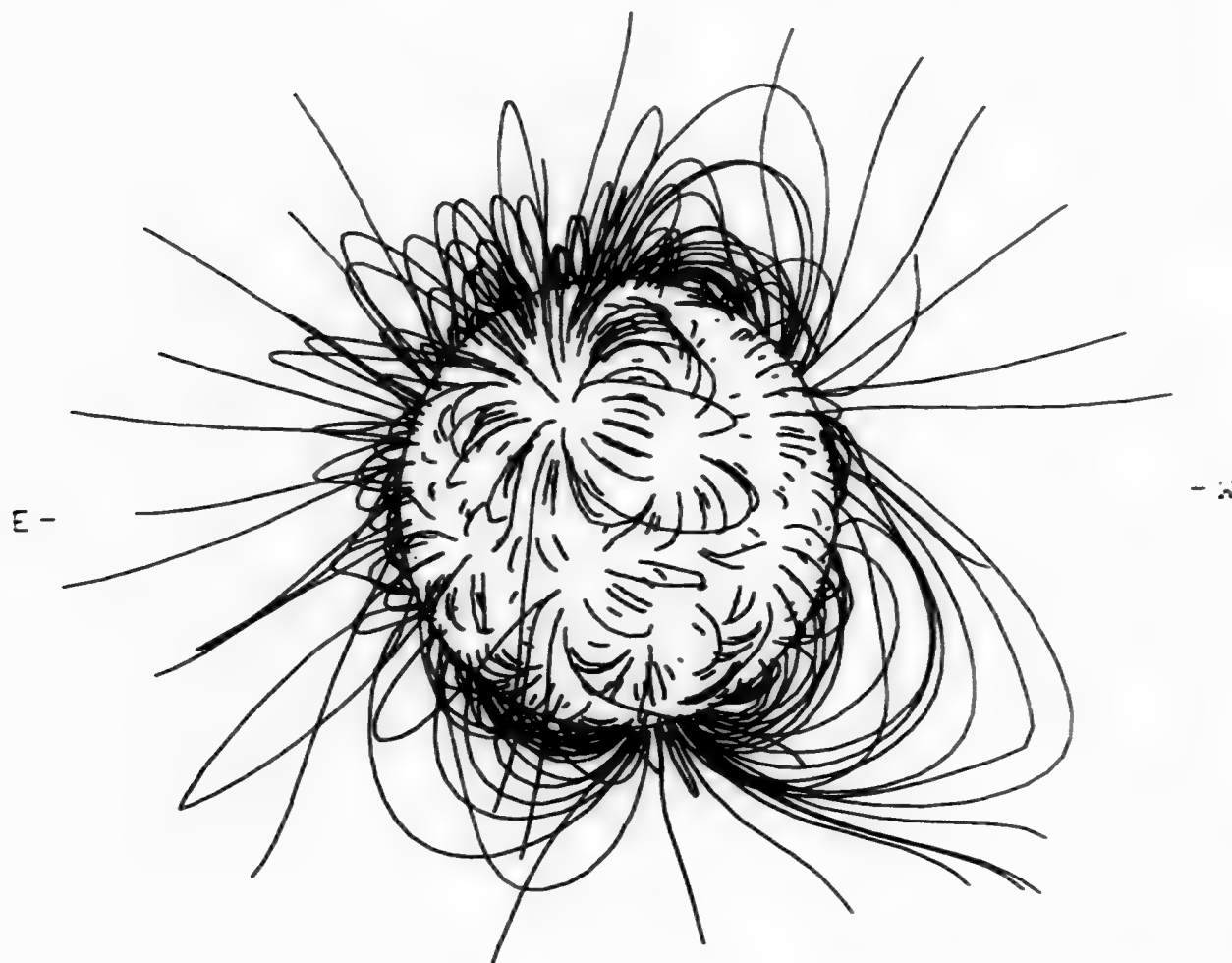
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

ROT. 1507 LONG. 120°
15.2 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

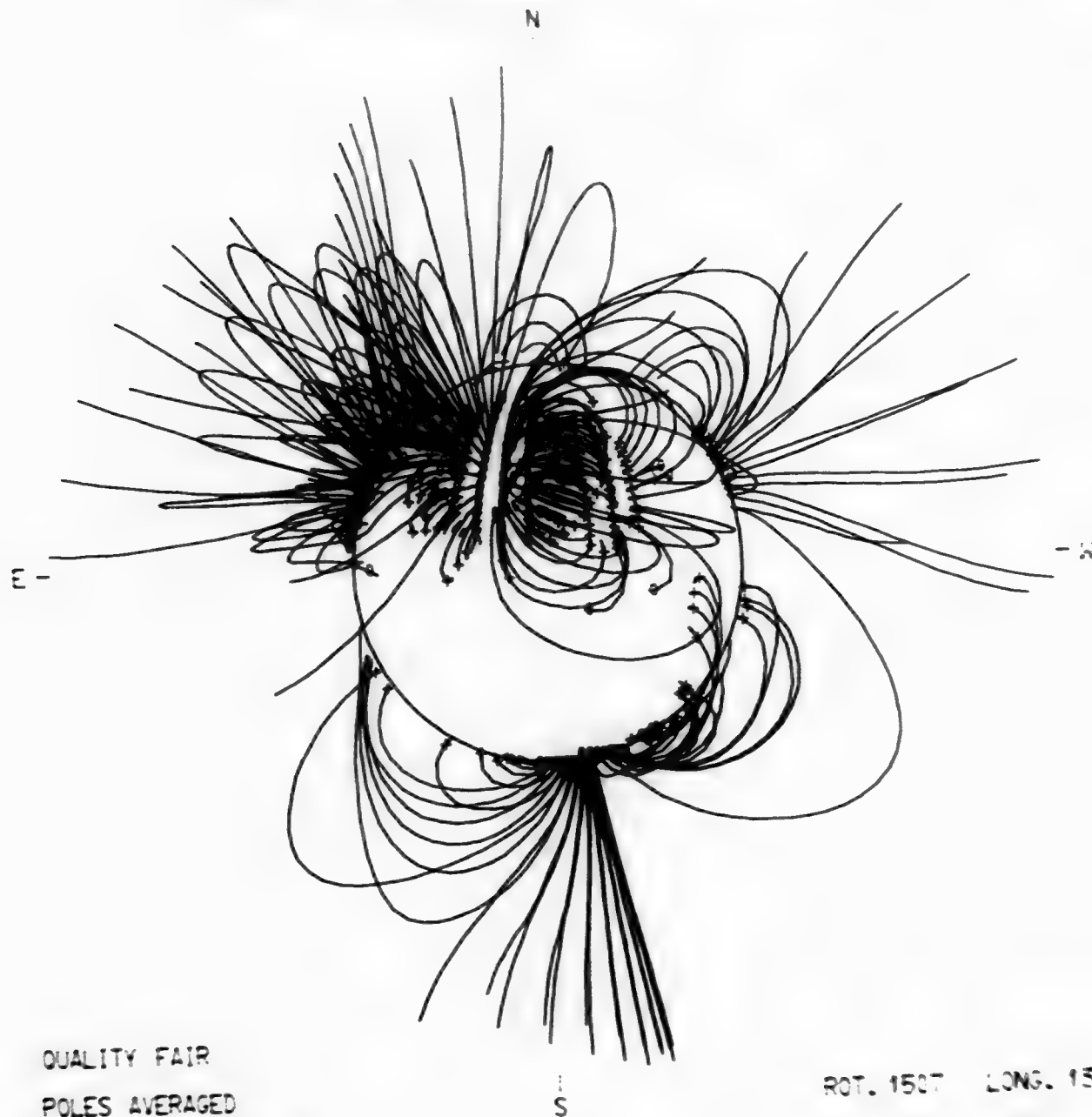


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

i
S

ROT. 1507 LONG. 131°
16.0 MAY 1966

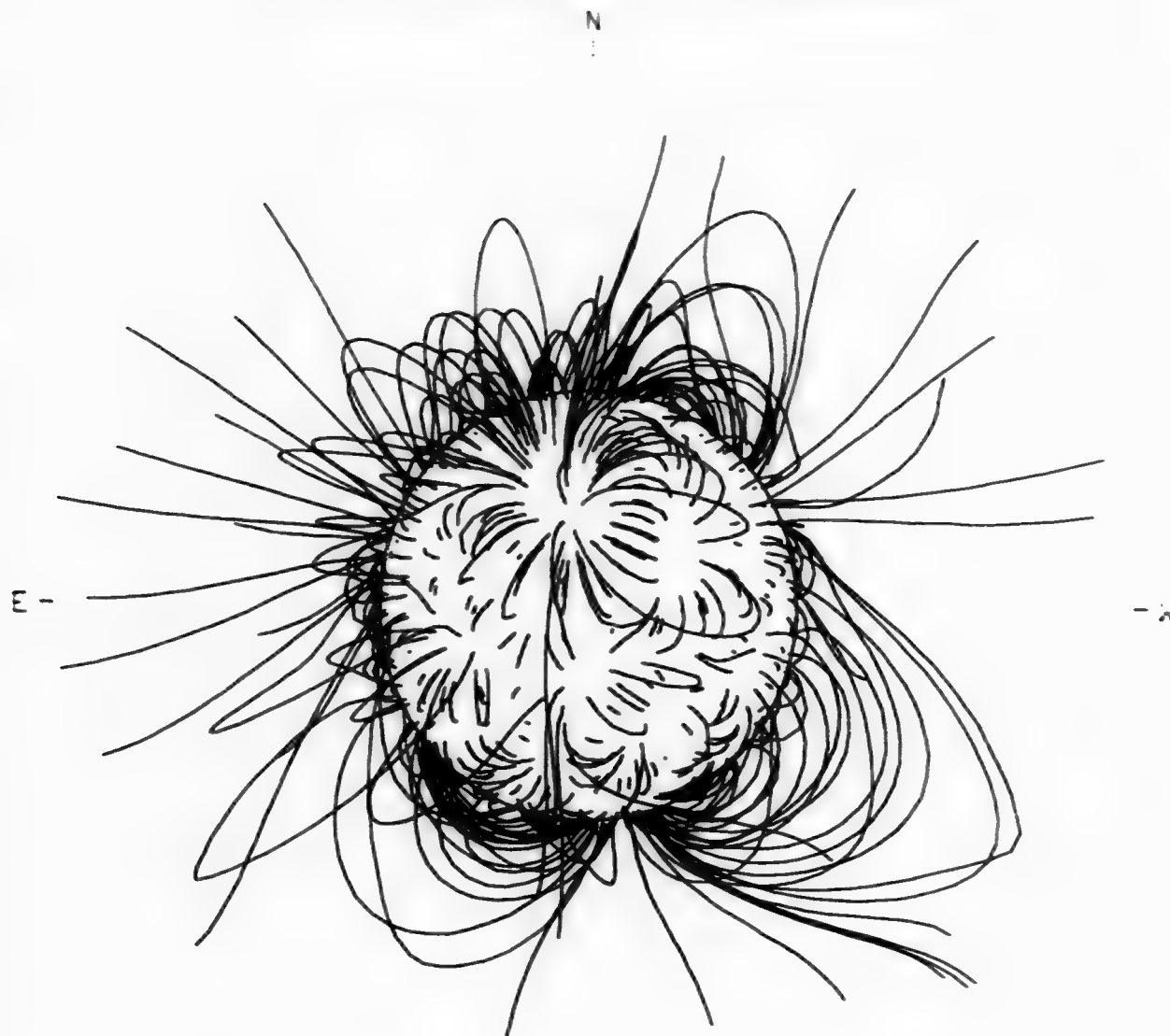
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

ROT. 1507 LONG. 131°
16.0 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

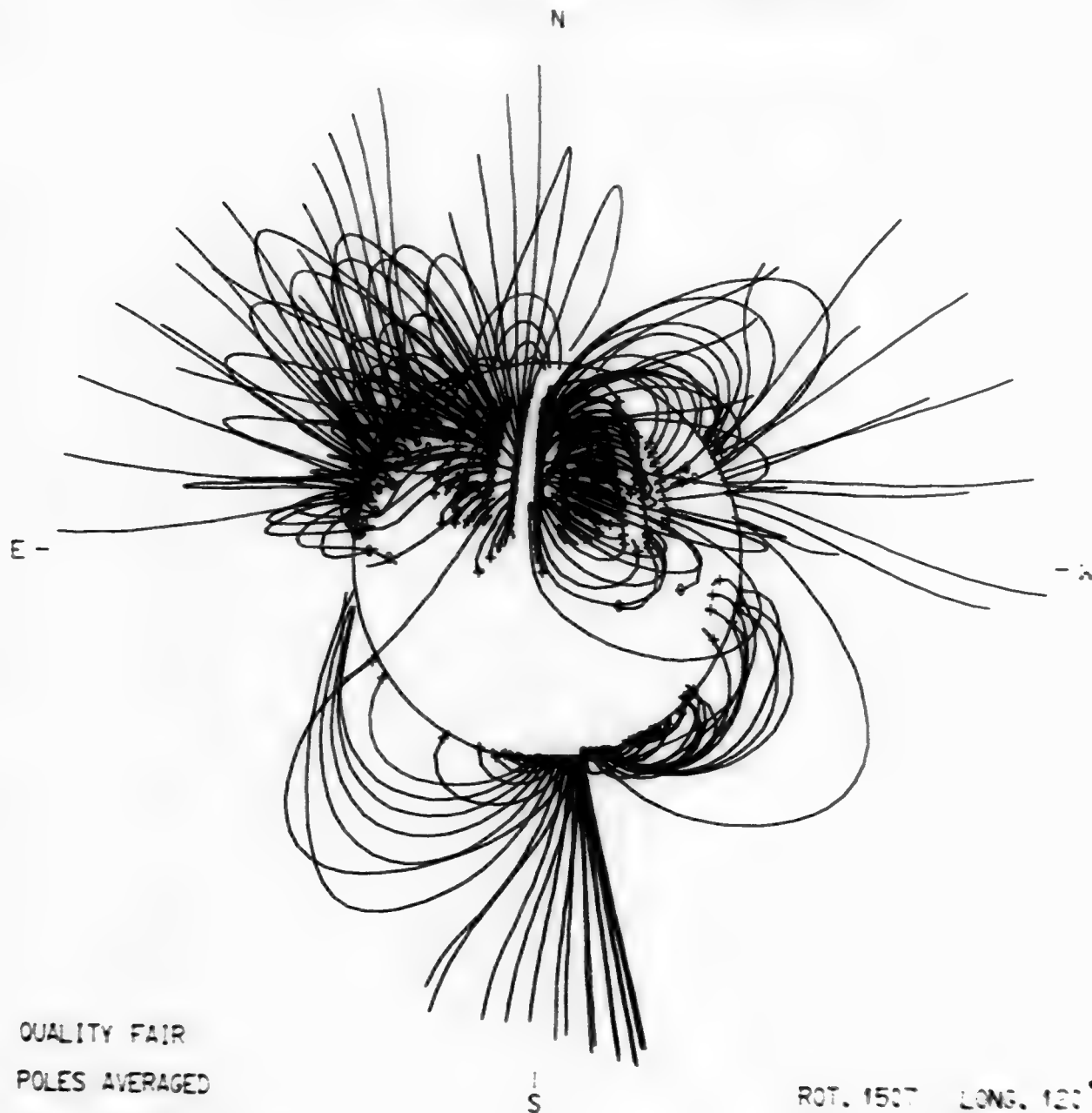


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

S

ROT. 1507 LONG. 130°
16.8 MAY 1966

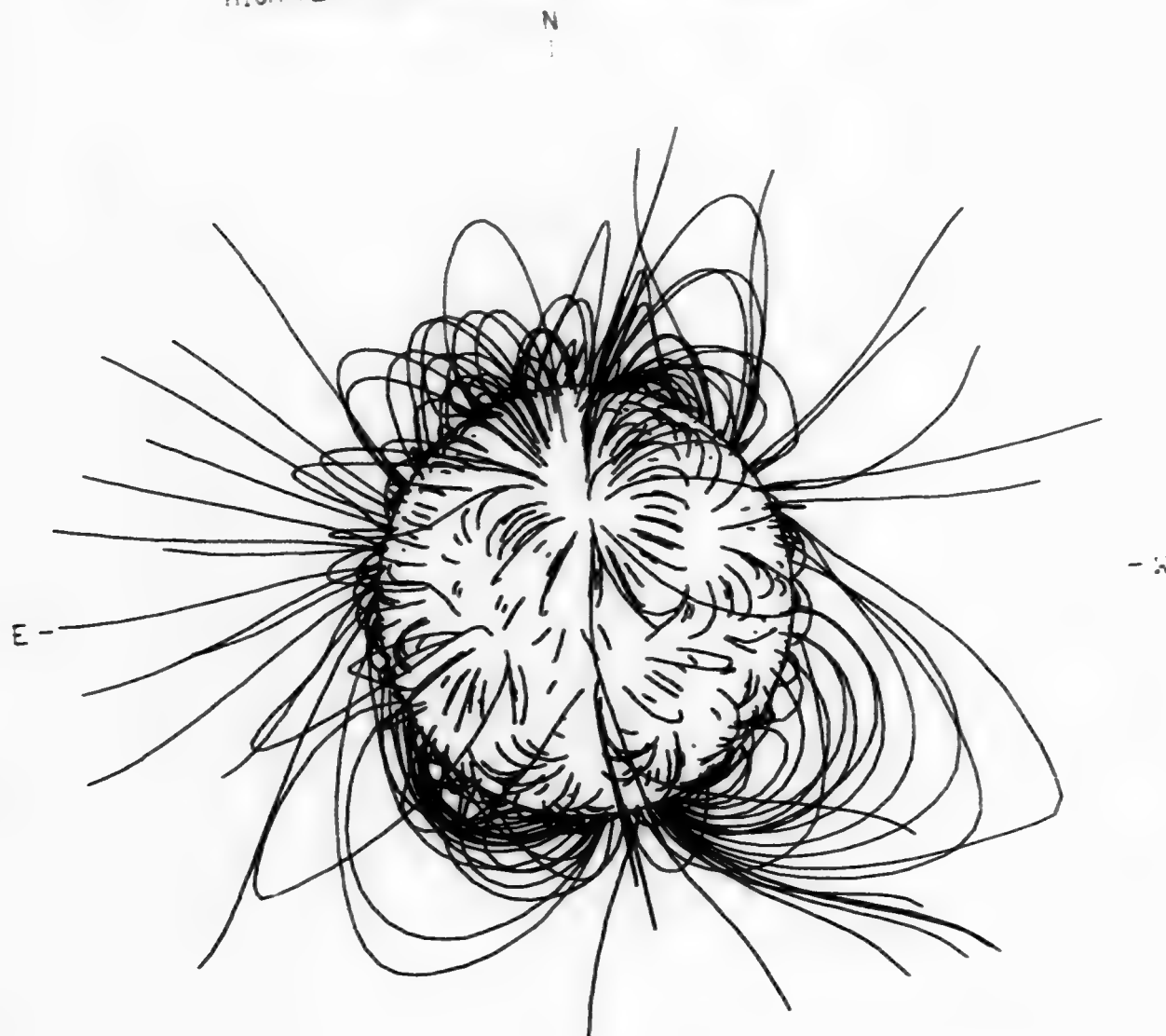
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

ROT. 1507 LONG. 120°
16.8 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

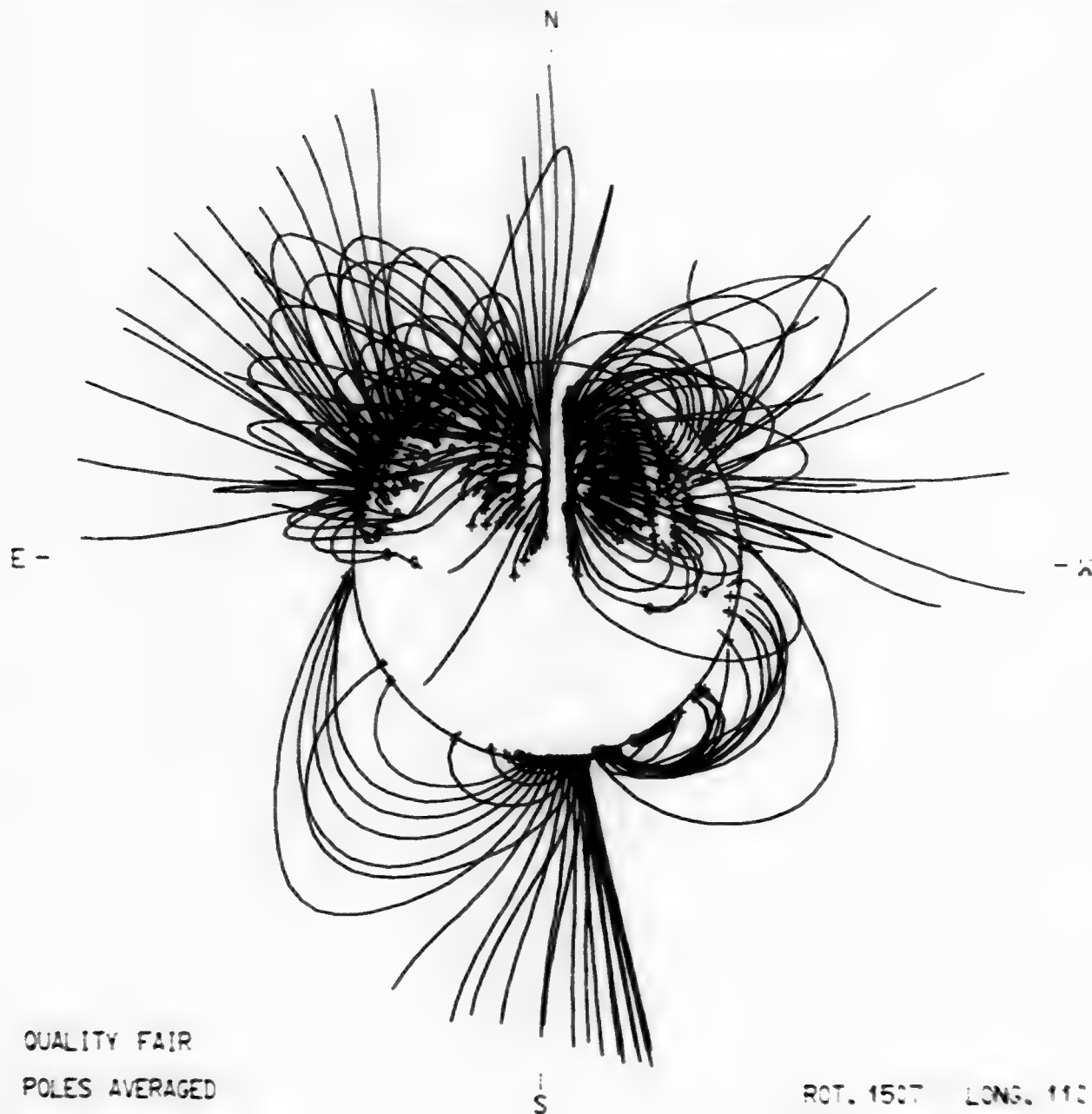


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

S

ROT. 1507 LONG. 110°
17.5 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

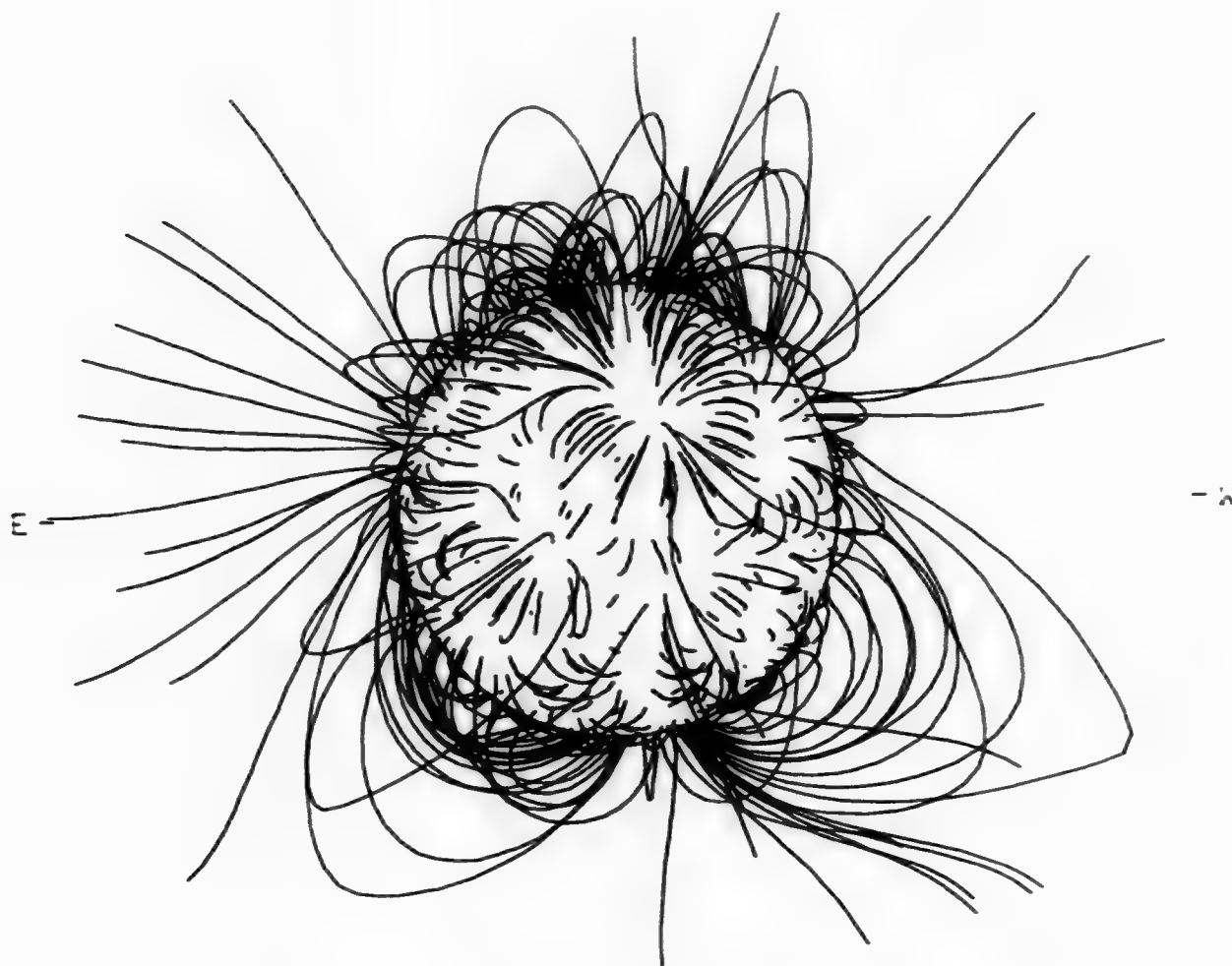


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

ROT. 1507 LONG. 112°
17.5 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

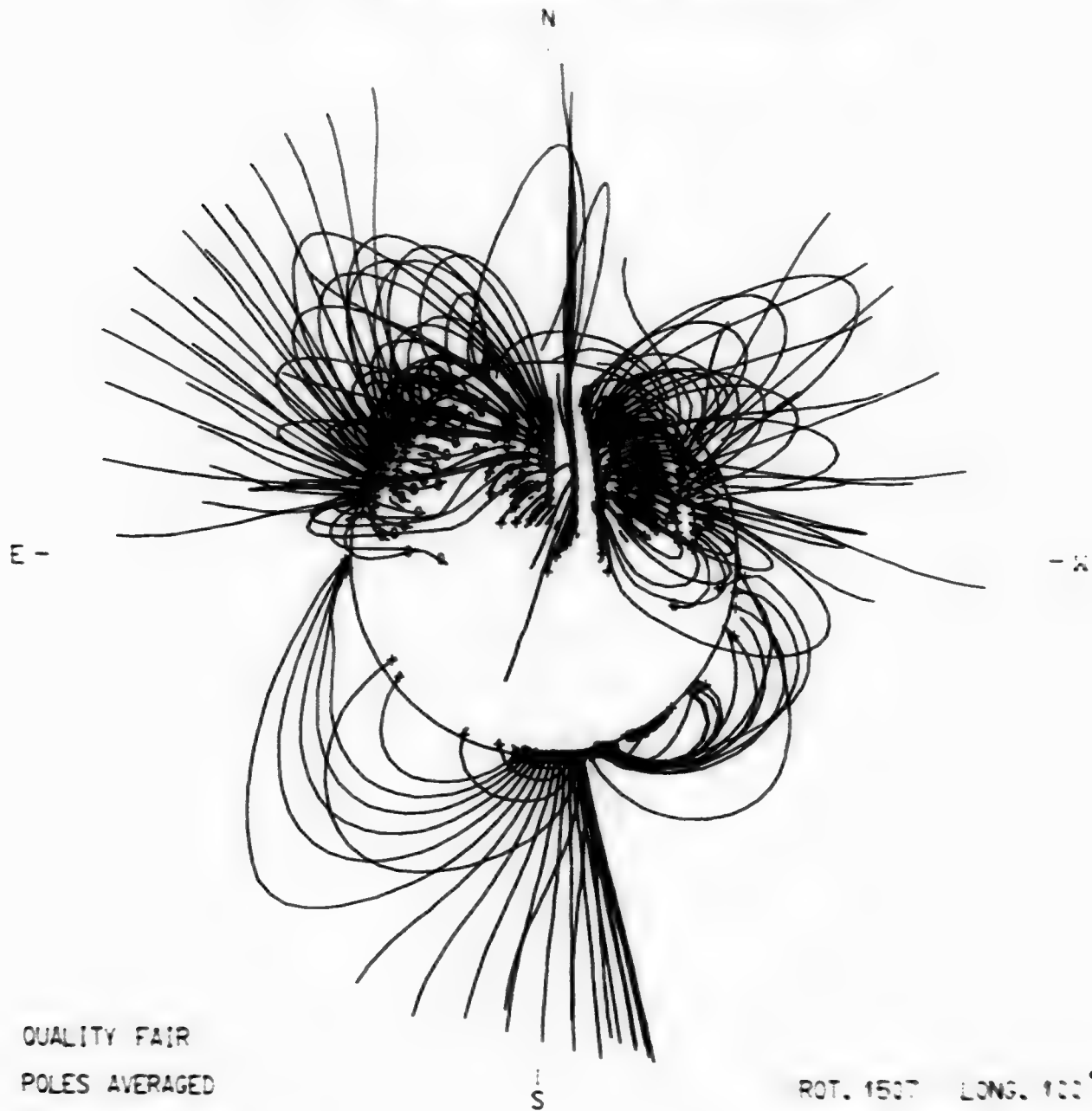


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

S

ROT. 1507 LONG. 100°
18.5 MAY 1986

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

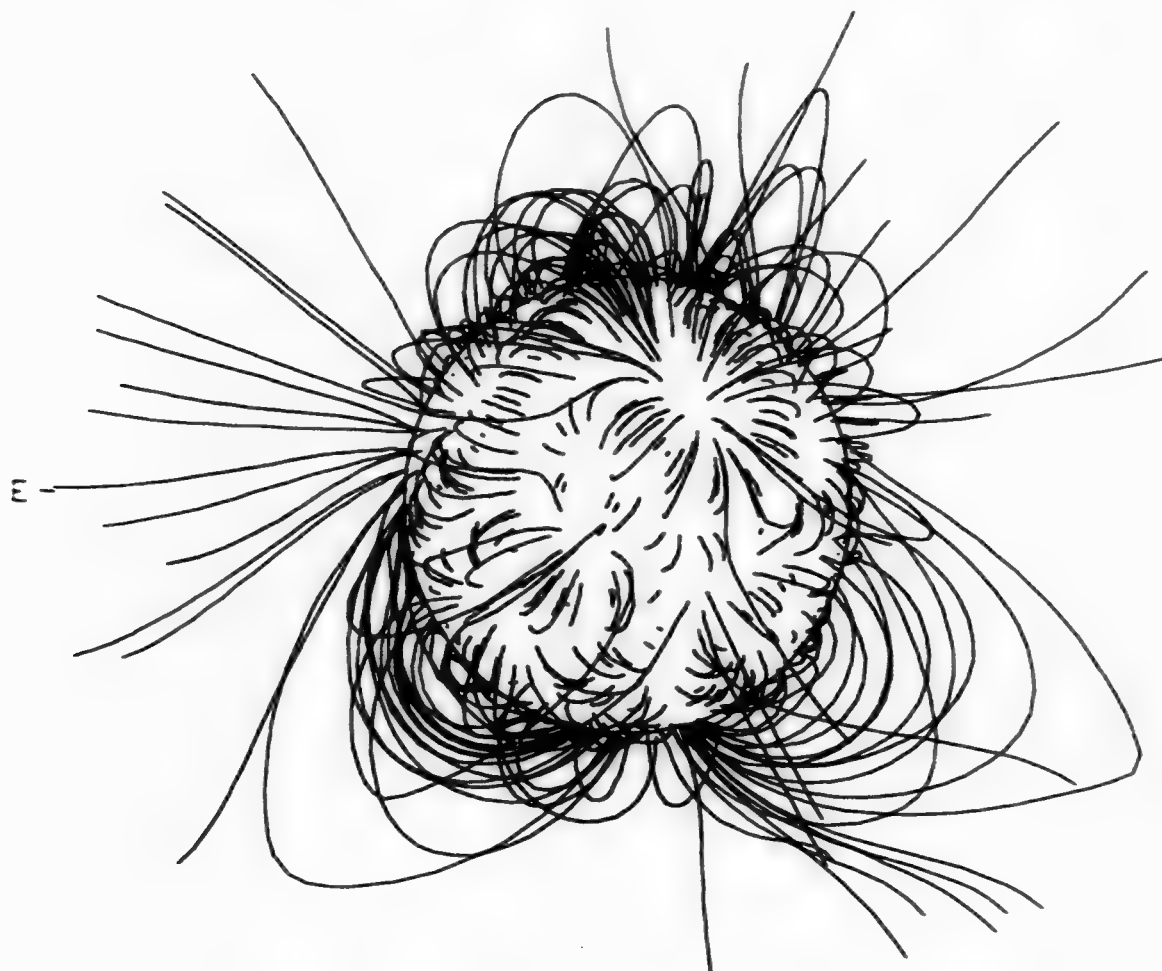


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.00

ROT. 1507 LONG. 100°
18.3 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

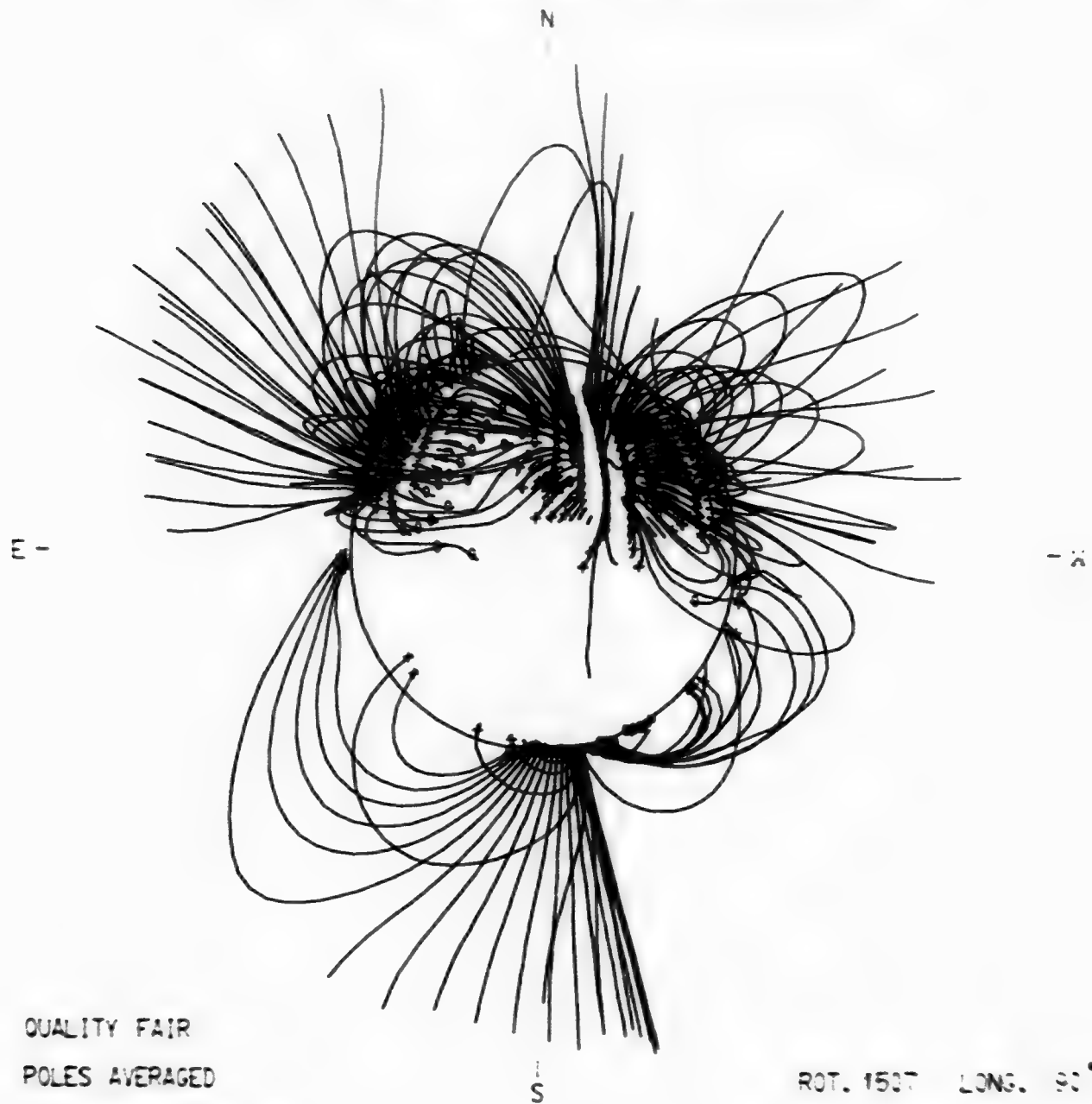
DATA WINDOW 1507.00

S

ROT. 1507 LONG. 90°

19.0 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

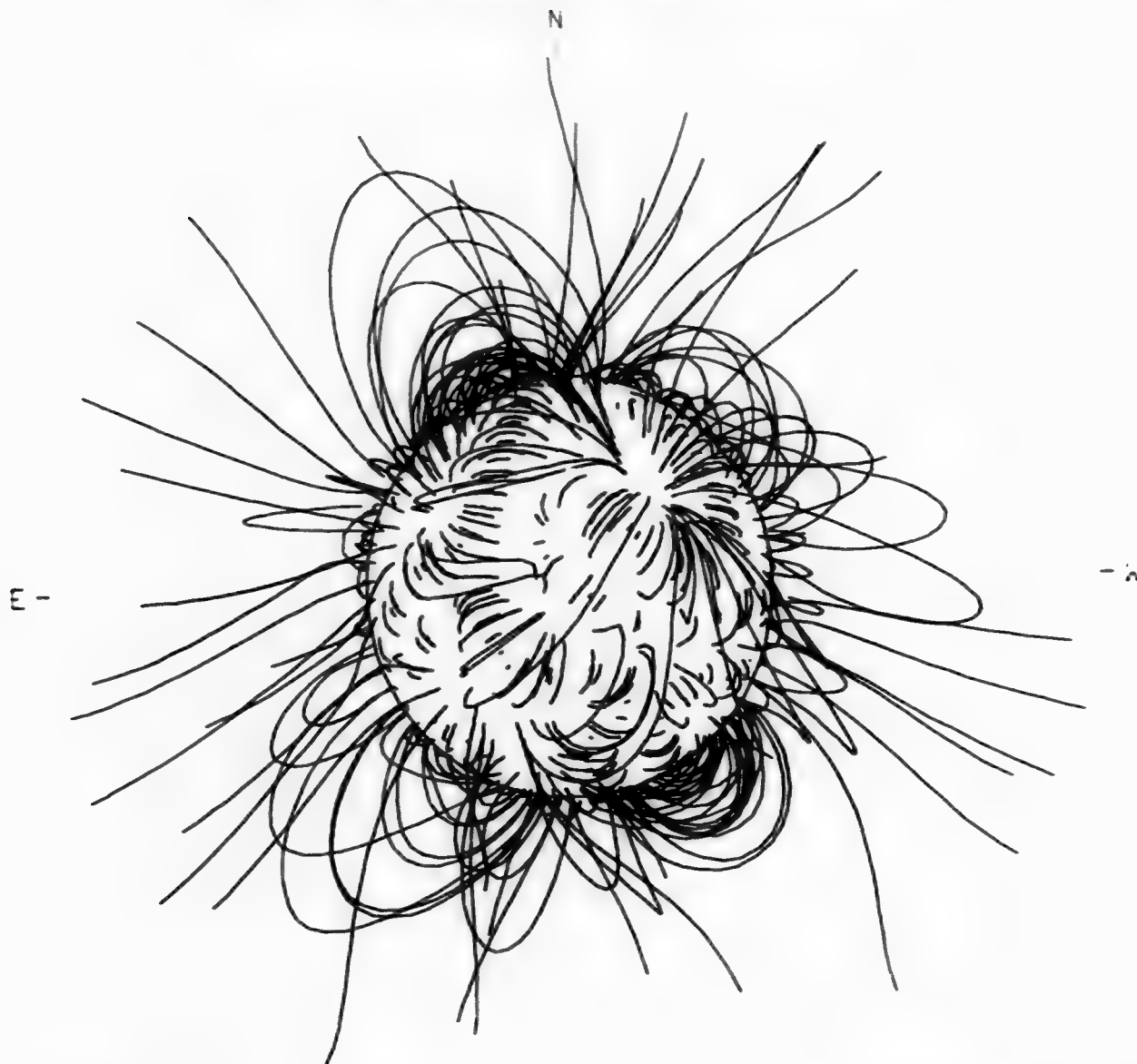
POLES AVERAGED

DATA WINDOW 1507.00

ROT. 1507 LONG. 90°

19.0 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

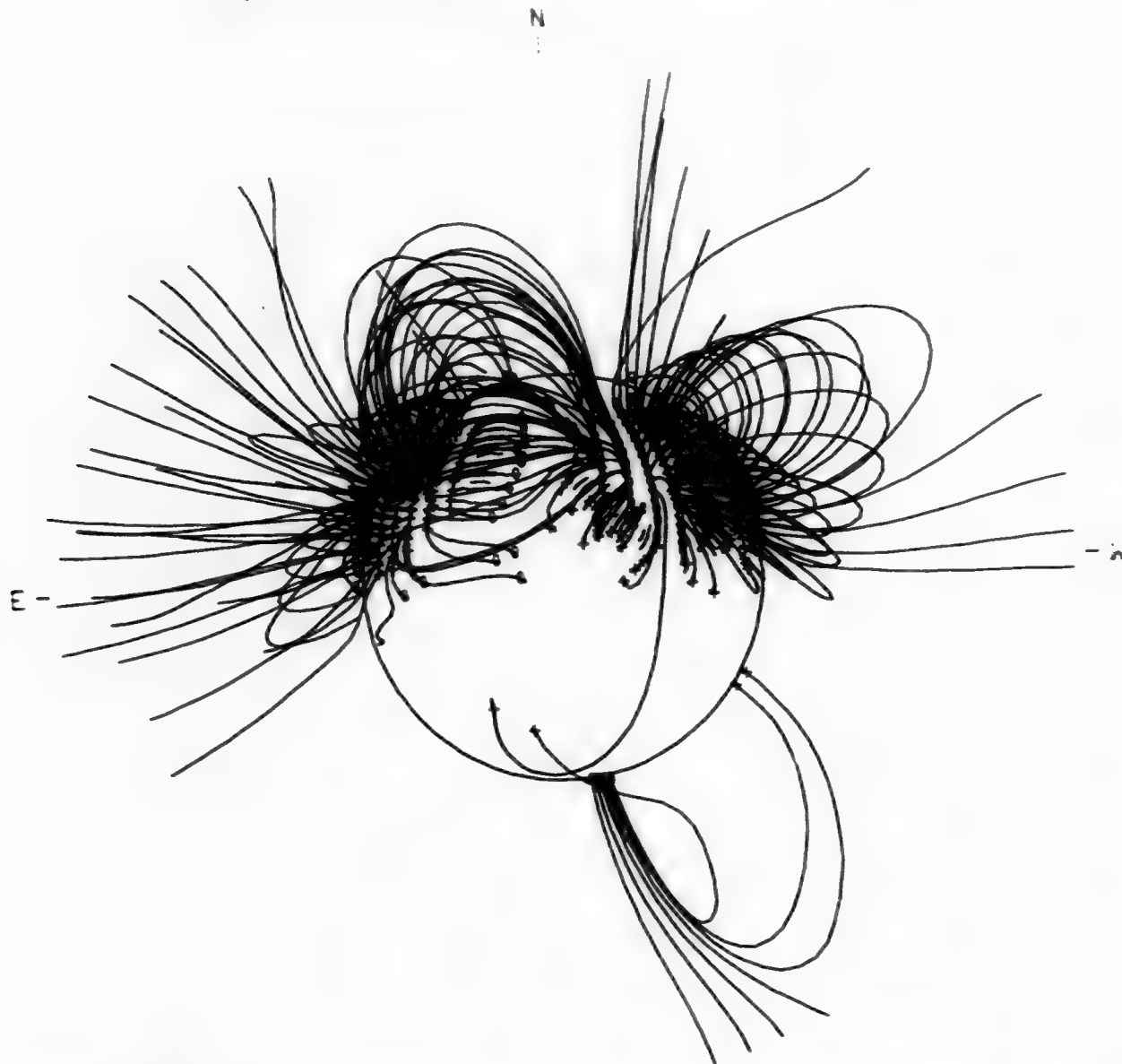


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

S

ROT. 1507 LONG. 80°
19.8 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

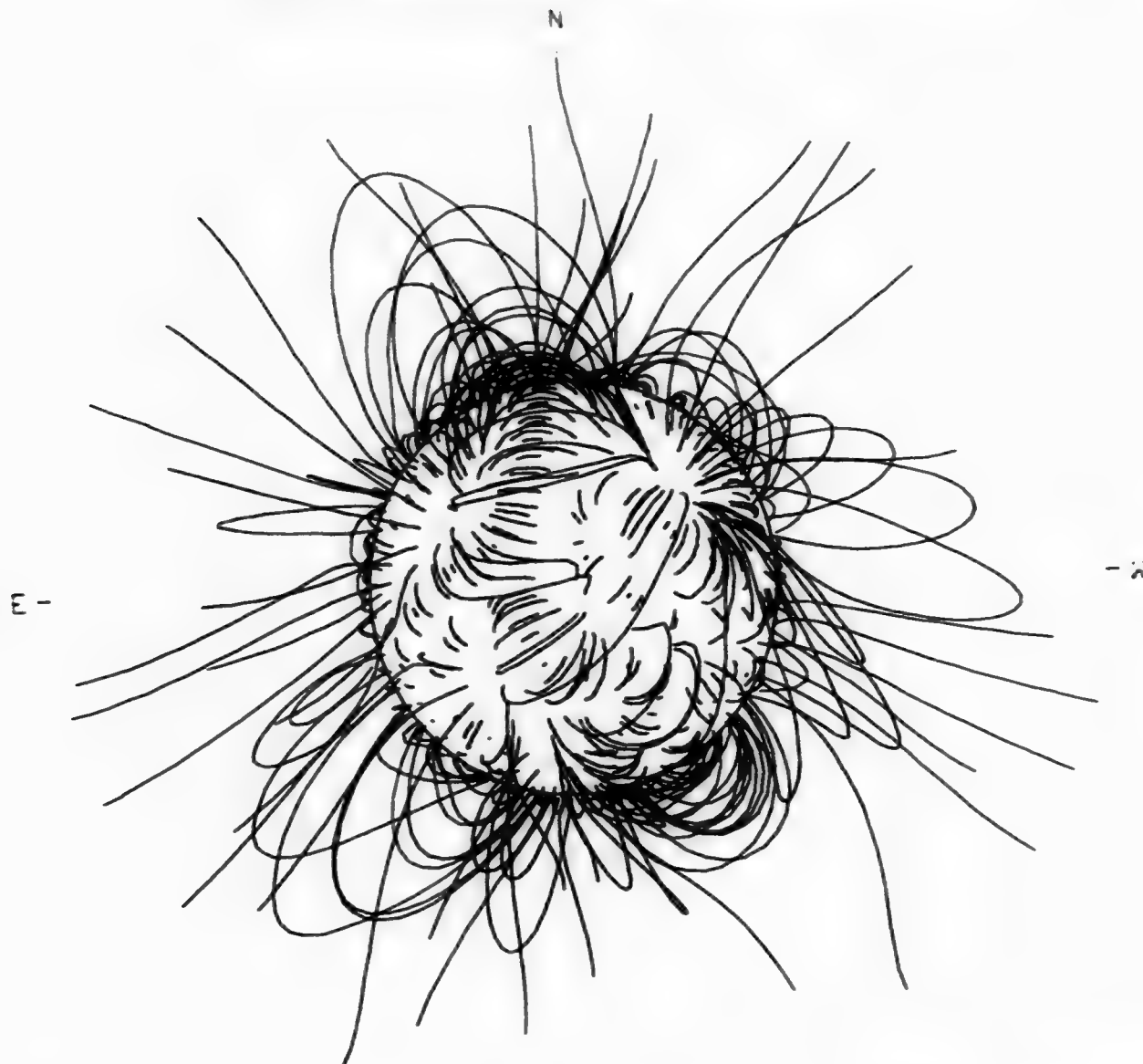


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

S

ROT. 1507 LONG. 80°
19.8 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

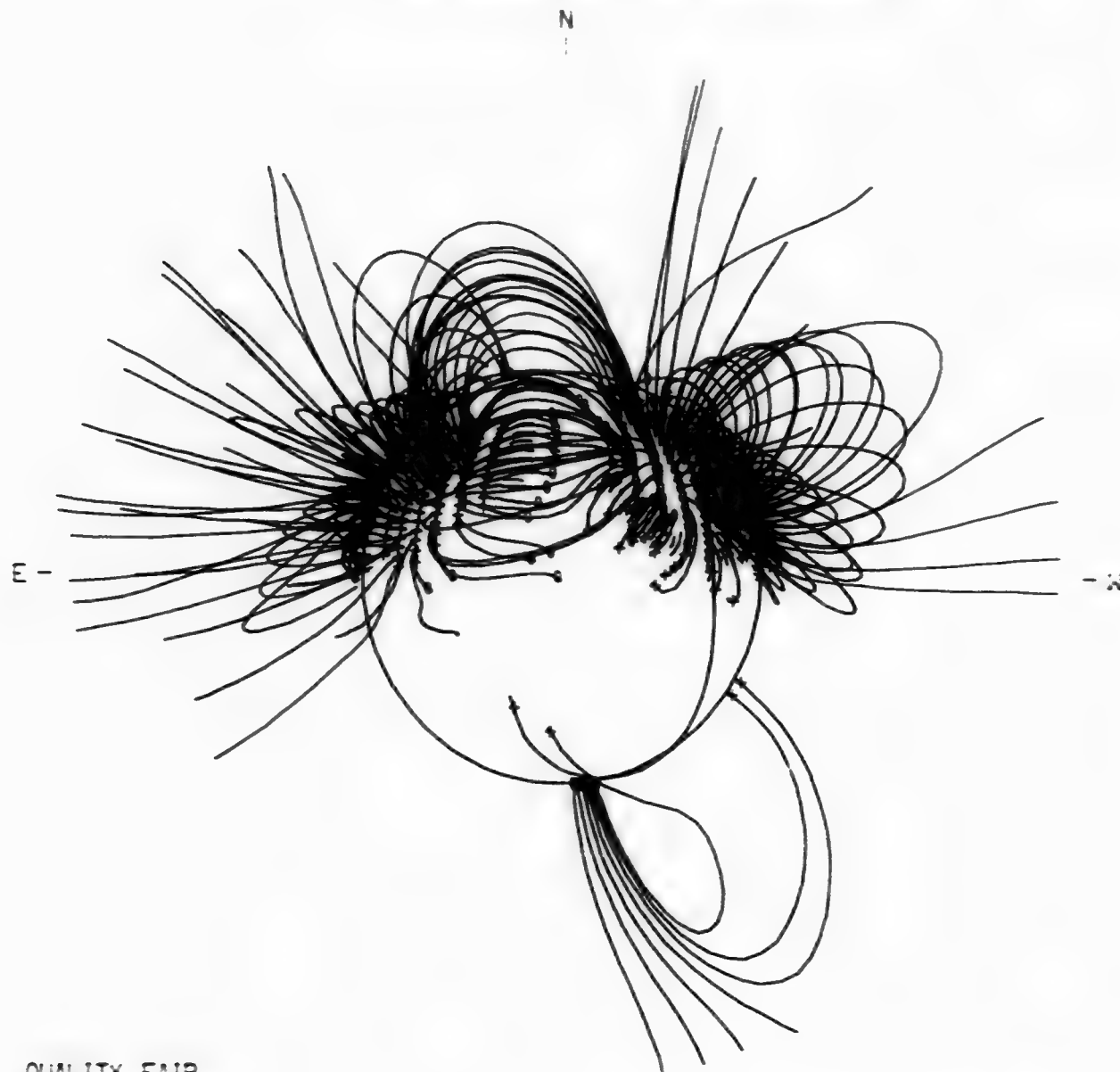


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

S

ROT. 1507 LONG. 70°
20.5 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

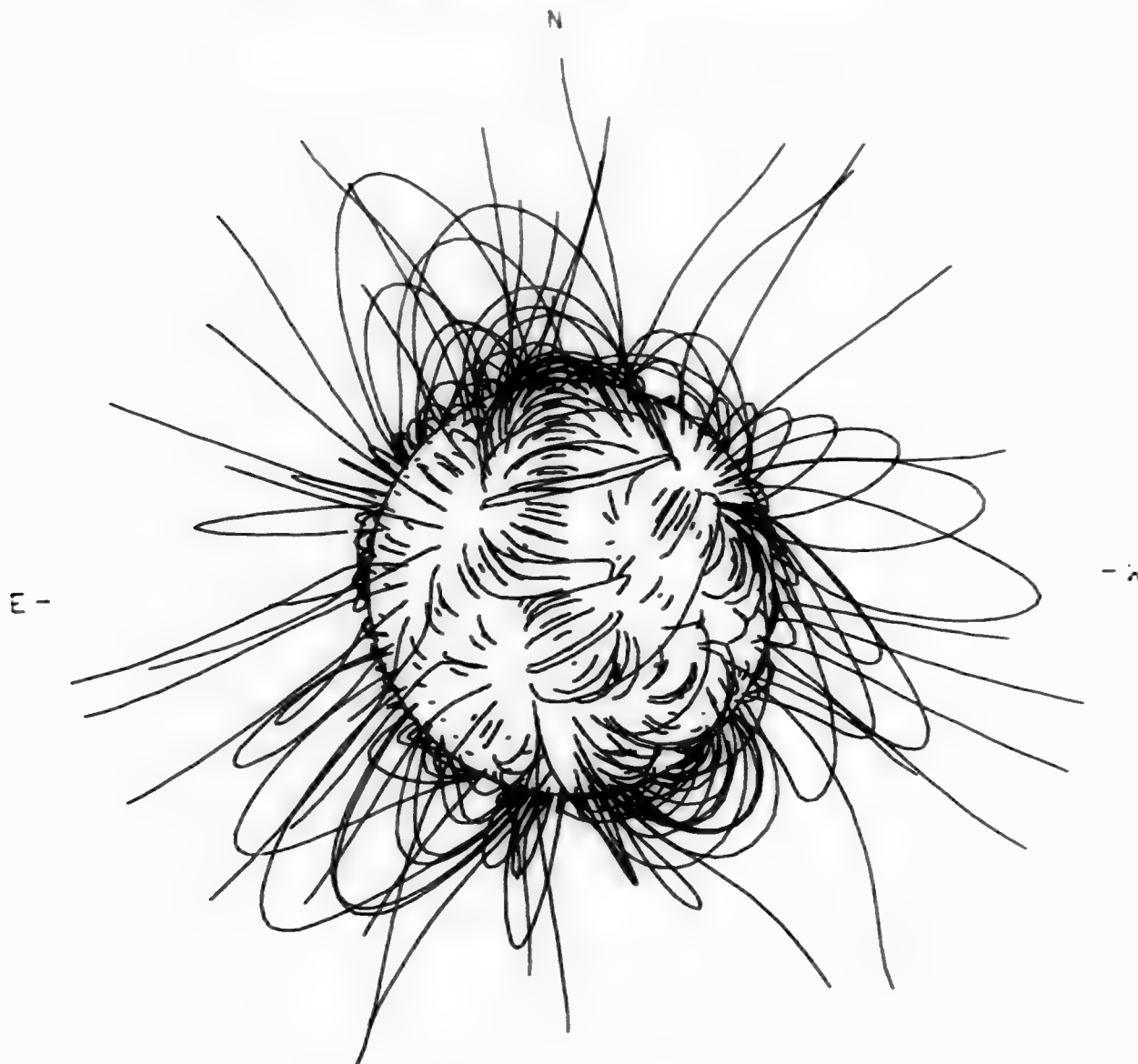


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

S

ROT. 1507 LONG. 73°
20.5 MAY 1966

HIGH ALTITUDE OBSERVATORY - MALE OBSERVATORIES

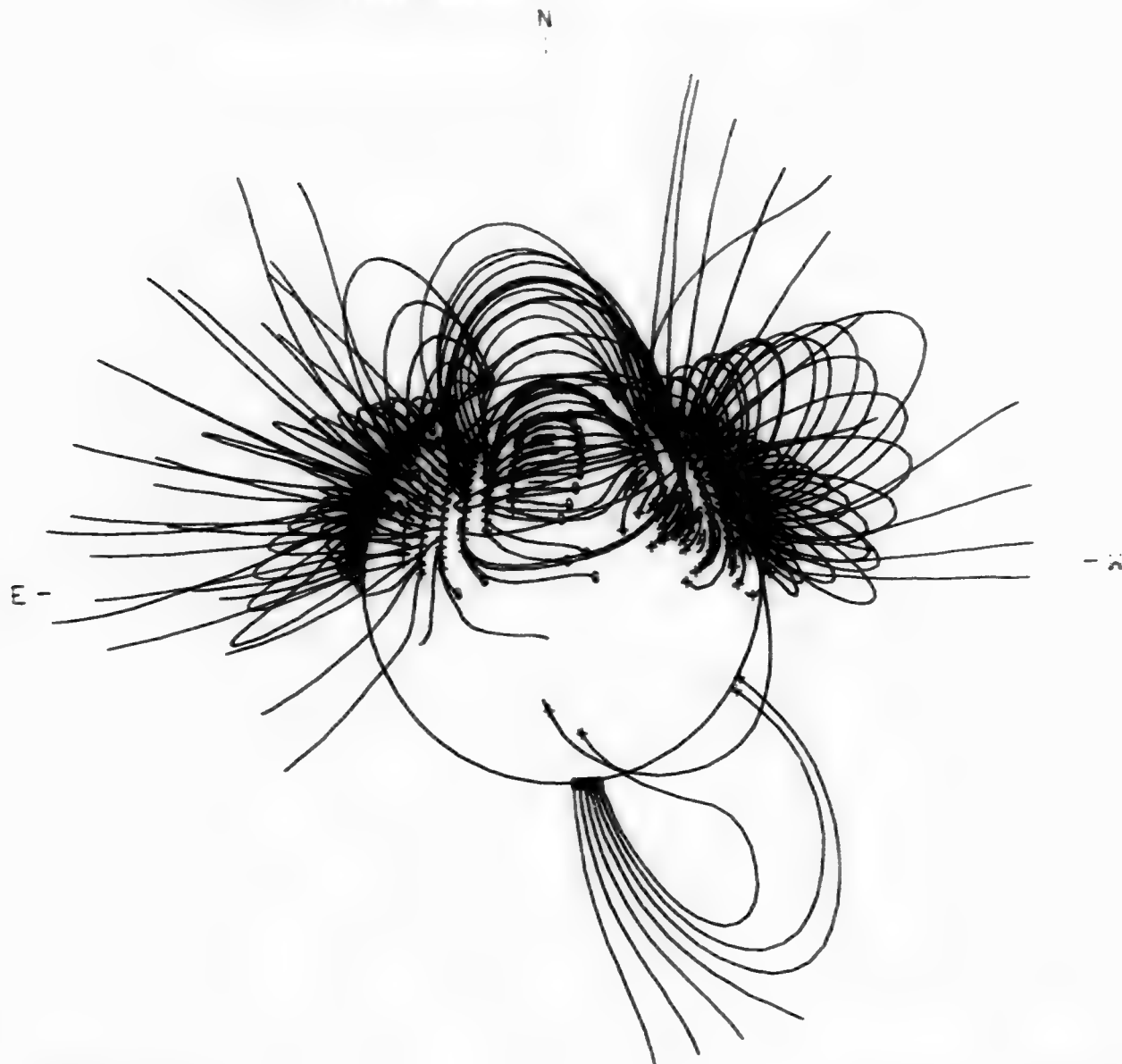


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

S

ROT. 1507 LONG. 60°
21.3 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

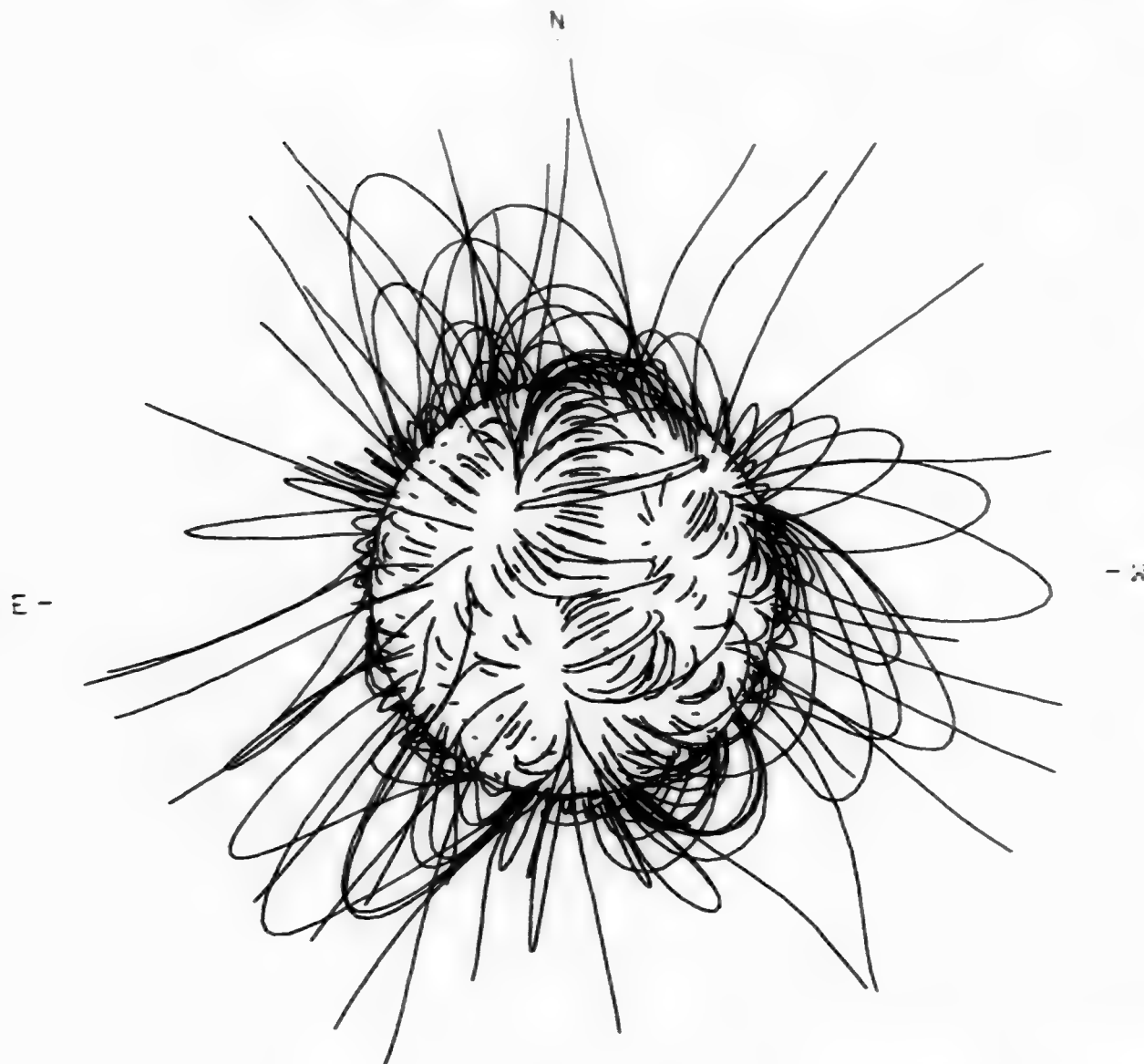


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

S

ROT. 1507 LONG. 60°
21.3 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

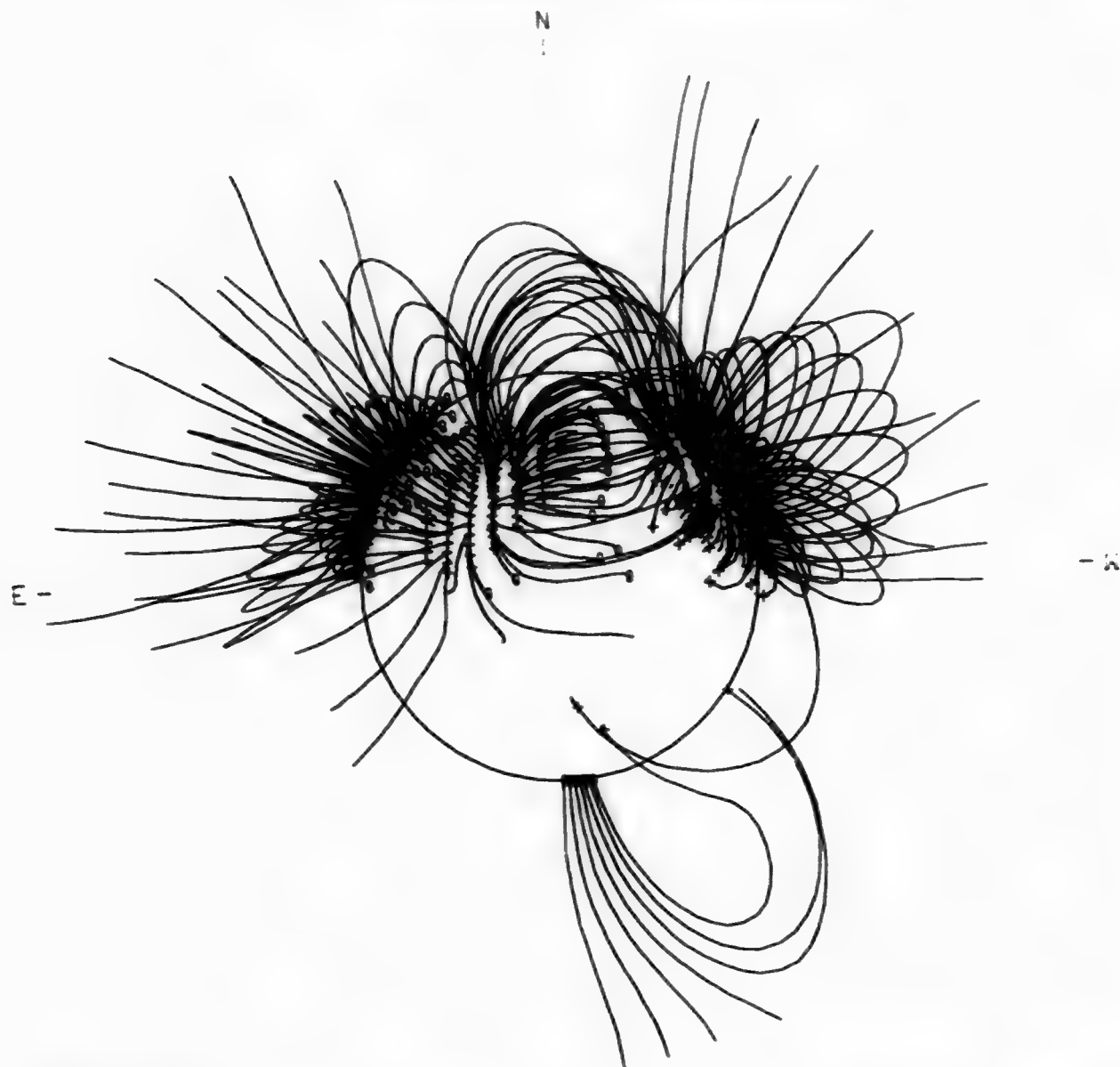


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

I
S

ROT. 1507 LONG. 51°
22.0 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

ROT. 1507 LONG. 50°
22.0 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

E -

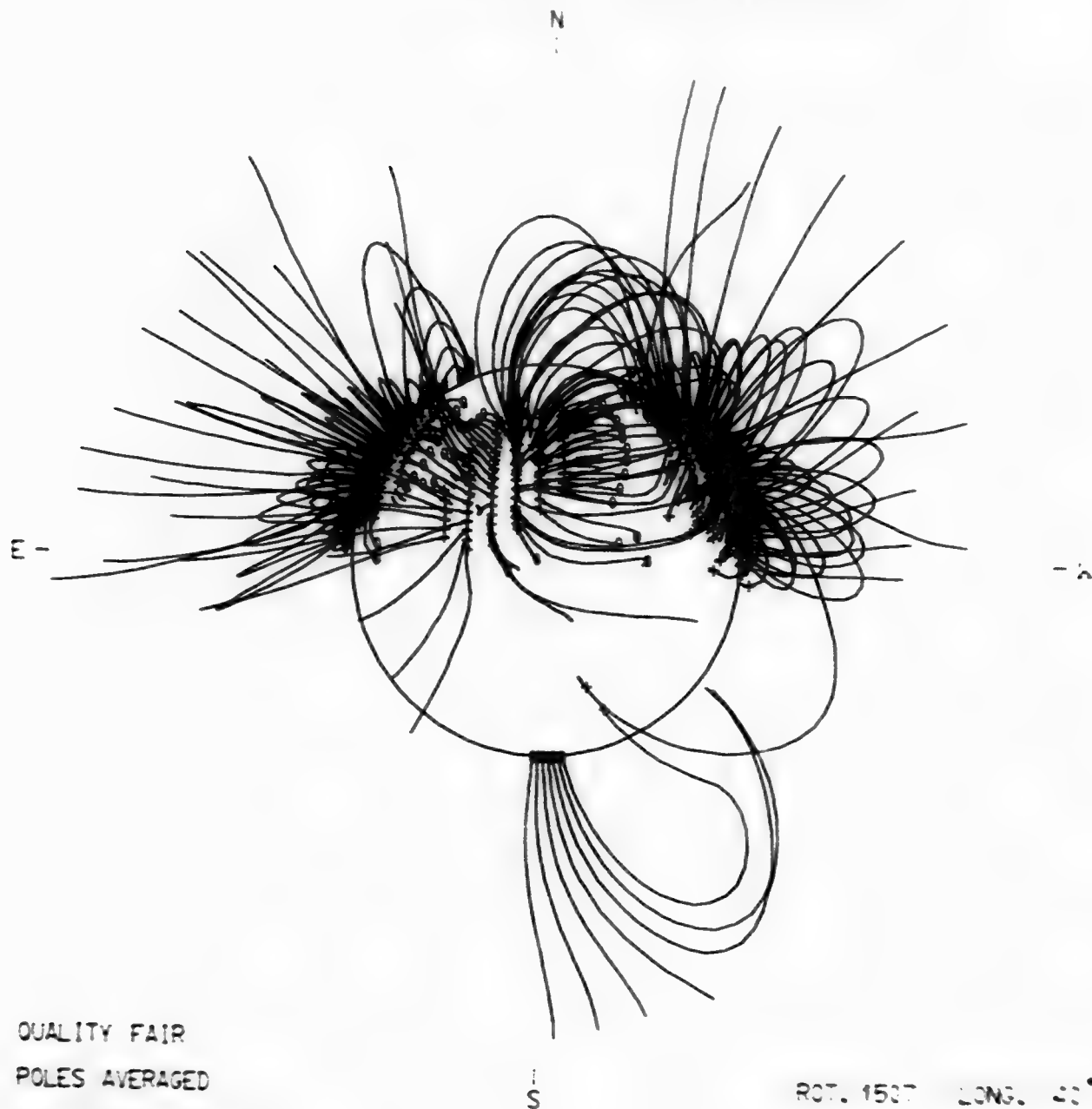
- W

QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

I
S

ROT. 1507 LONG. 22°
22.8 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

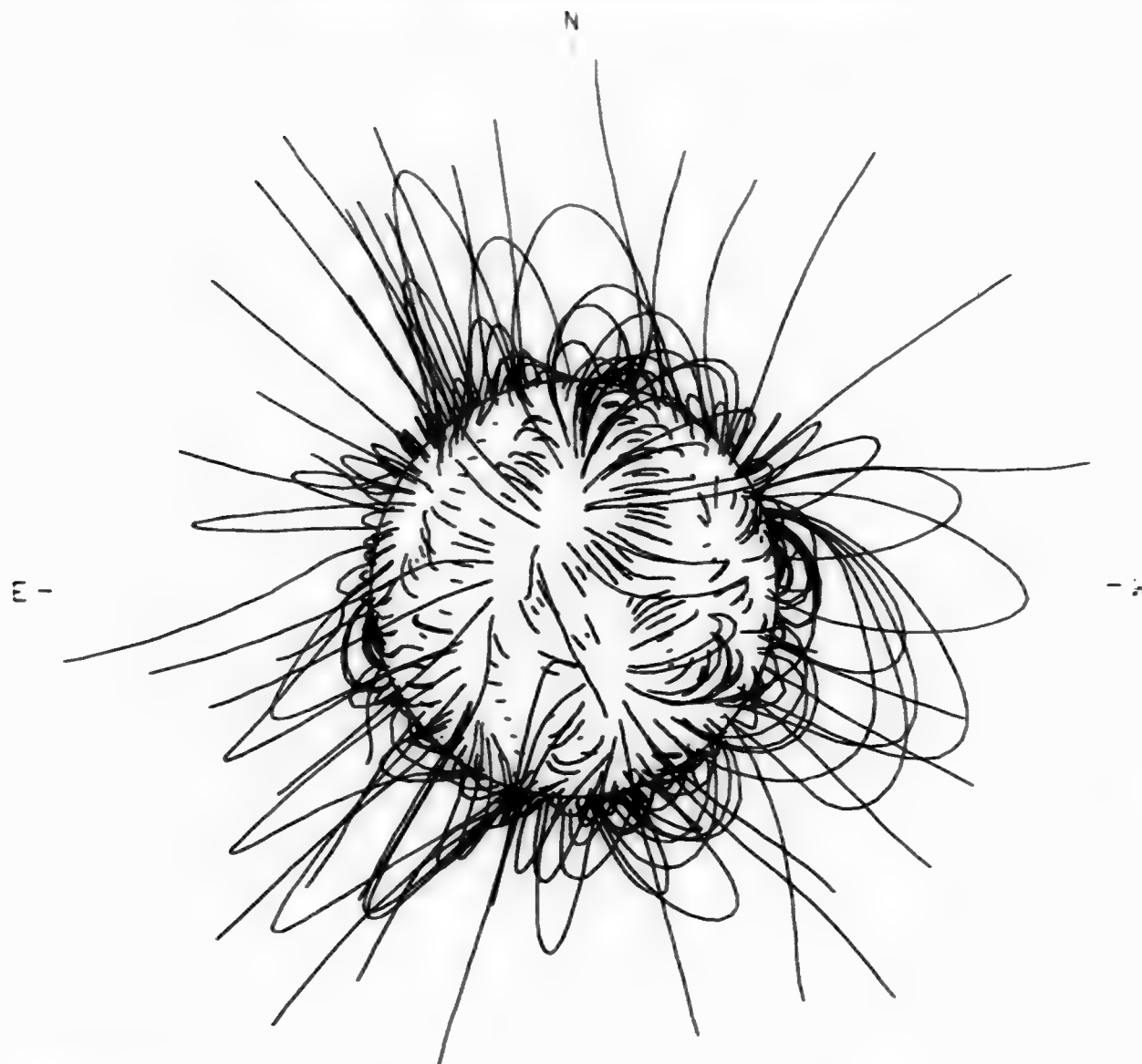
POLES AVERAGED

DATA WINDOW 1507.47

ROT. 1507 LONG. 20°

22.8 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

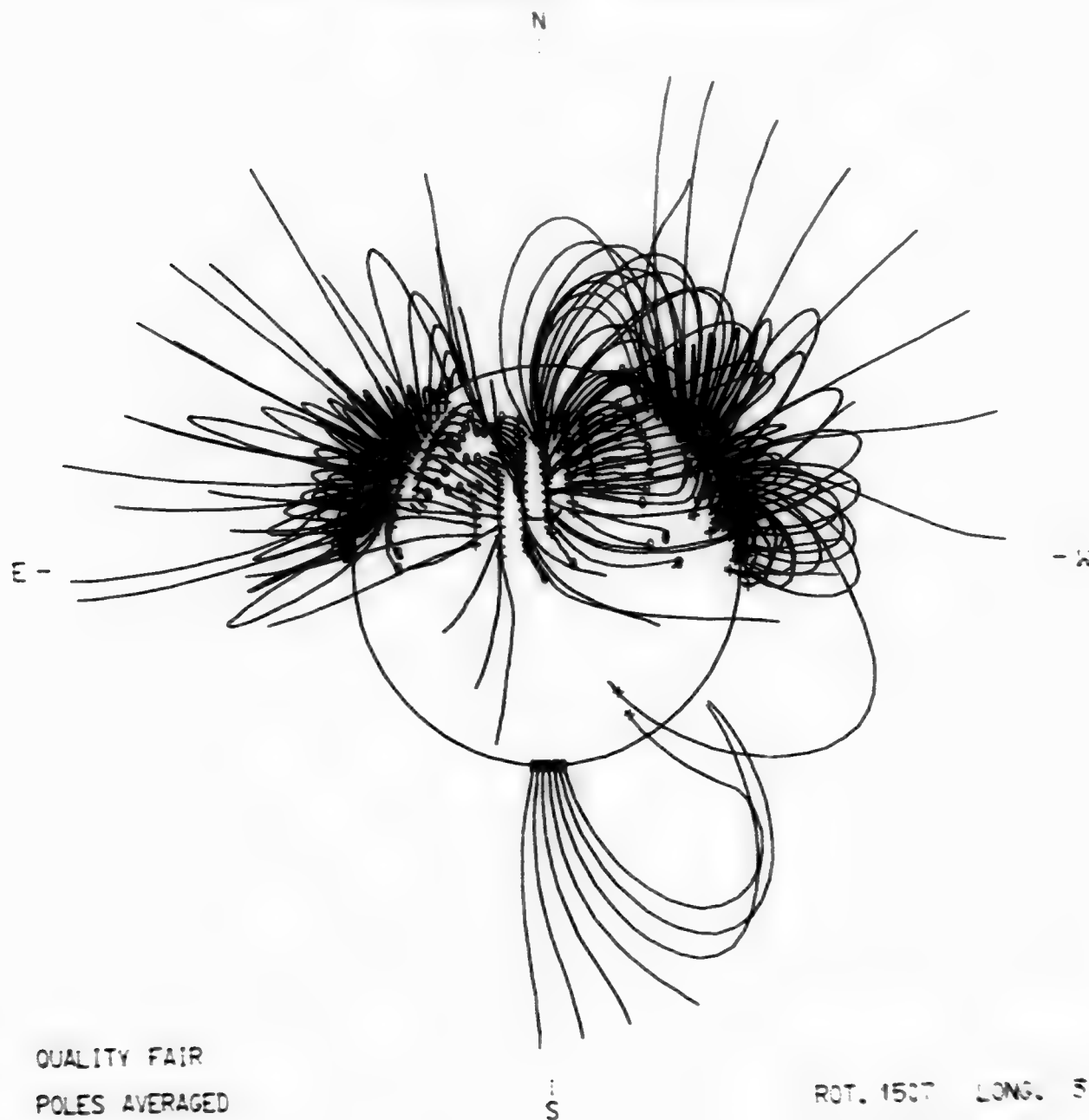


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

i
S

ROT. 1507 LONG. 51°
23.6 MAY 1966

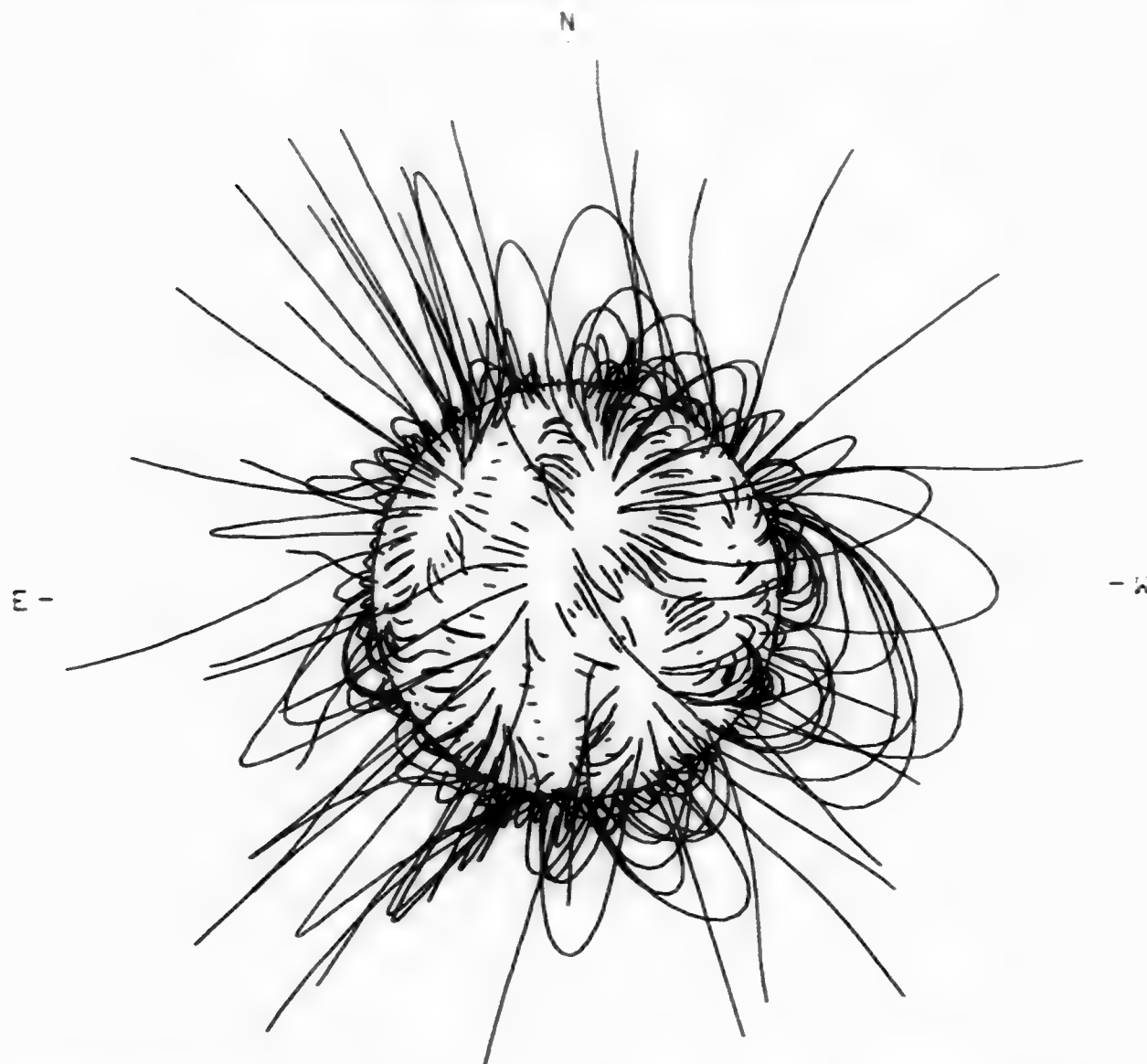
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

ROT. 1507 LONG. 50°
23.6 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

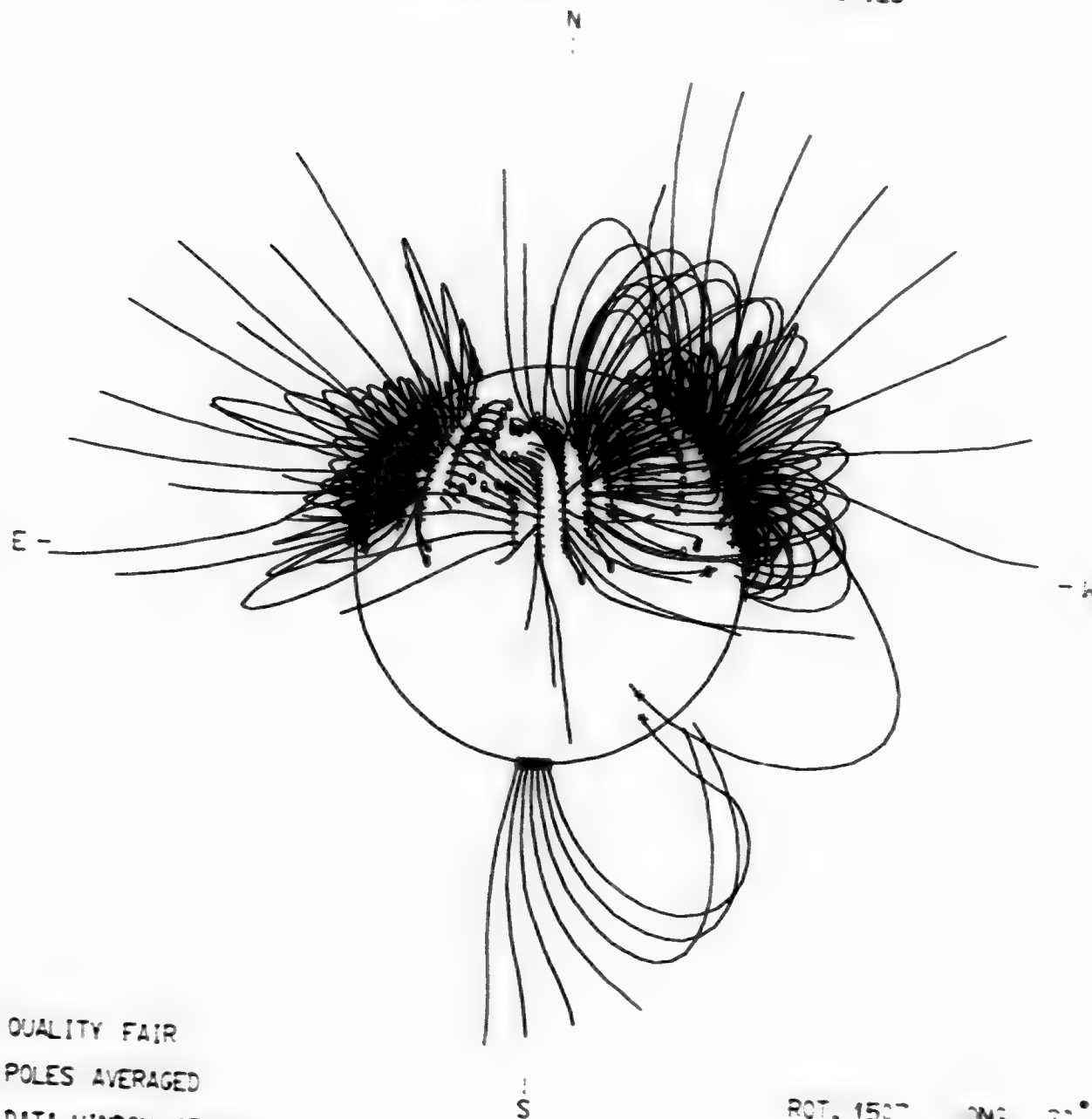


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

I
S

ROT. 1507 LONG. 20°
24.3 MAY 1966

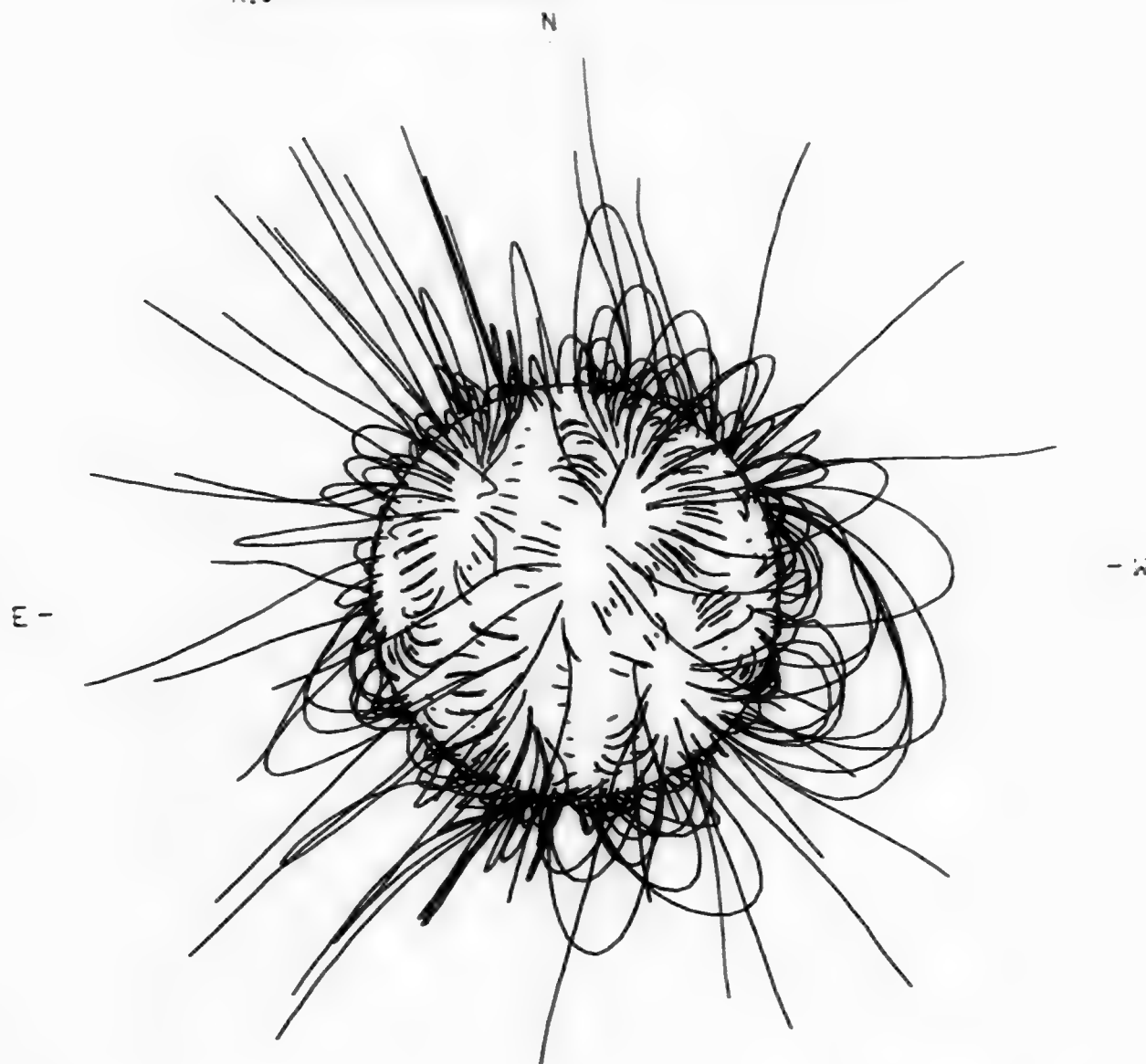
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

ROT. 1507 LONG. 20°
24.3 MAY 1966

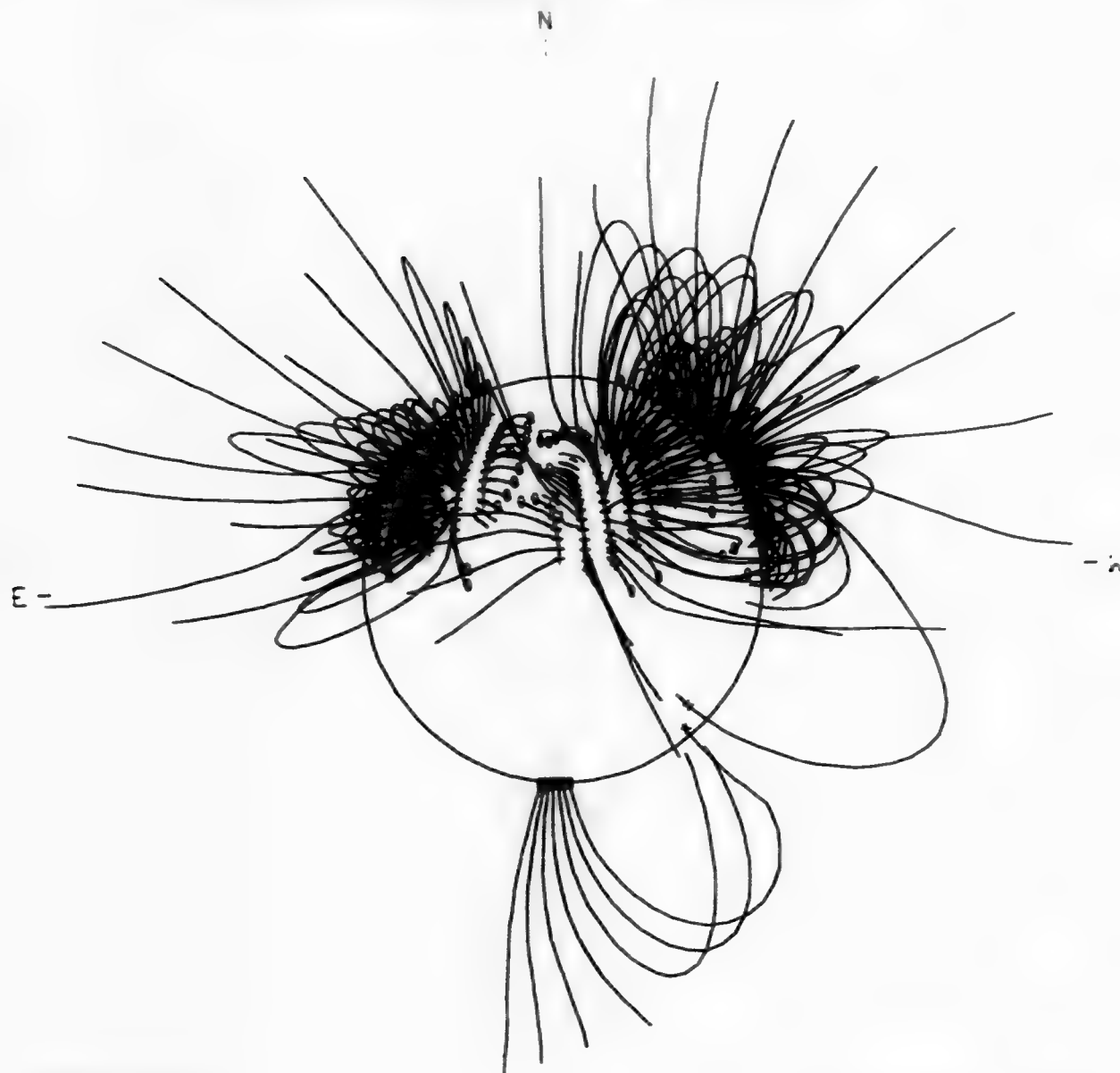
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

ROT. 1507 LONG. 10°
25.1 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

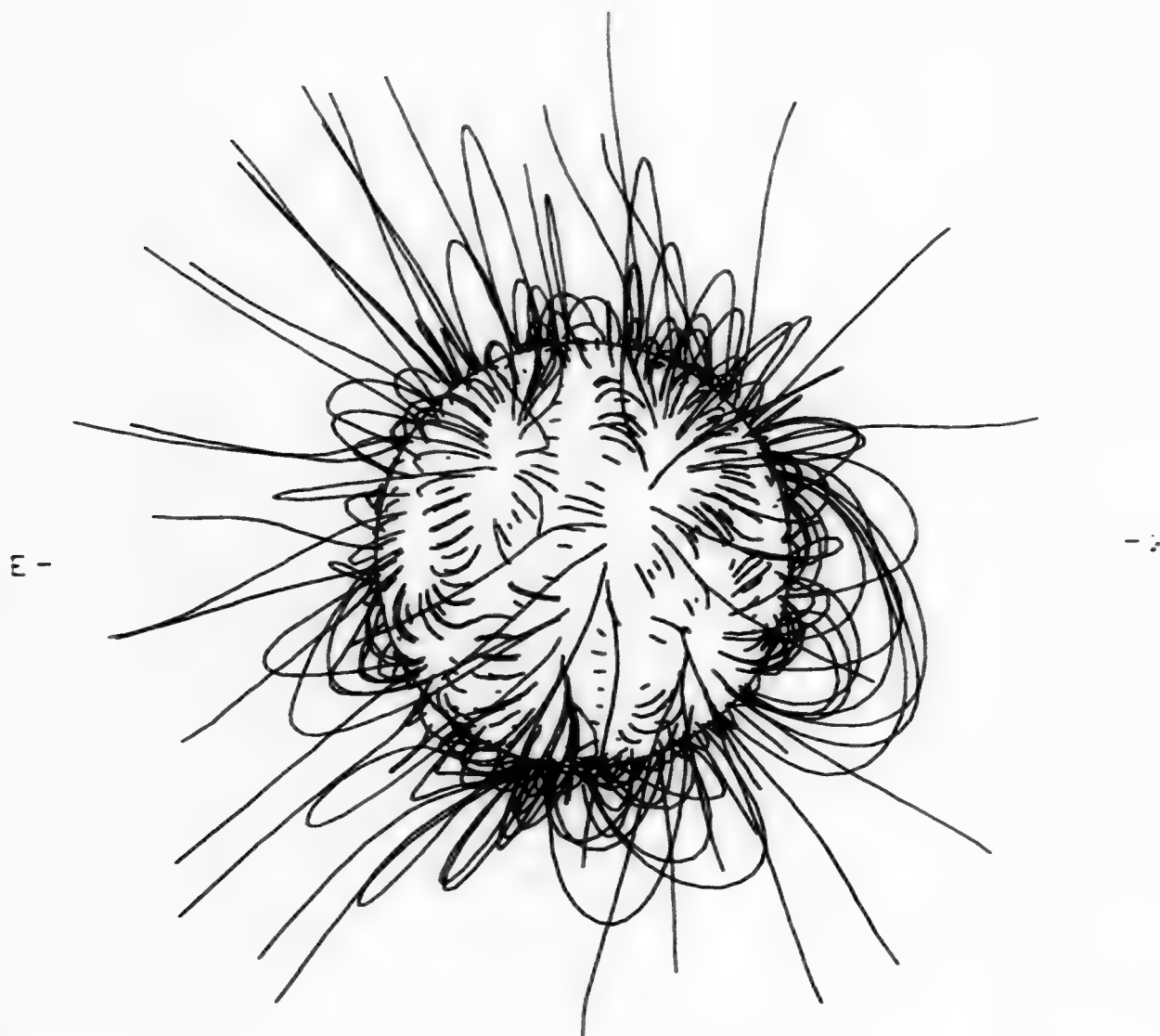


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

ROT. 1507 LONG. 12°
25.1 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

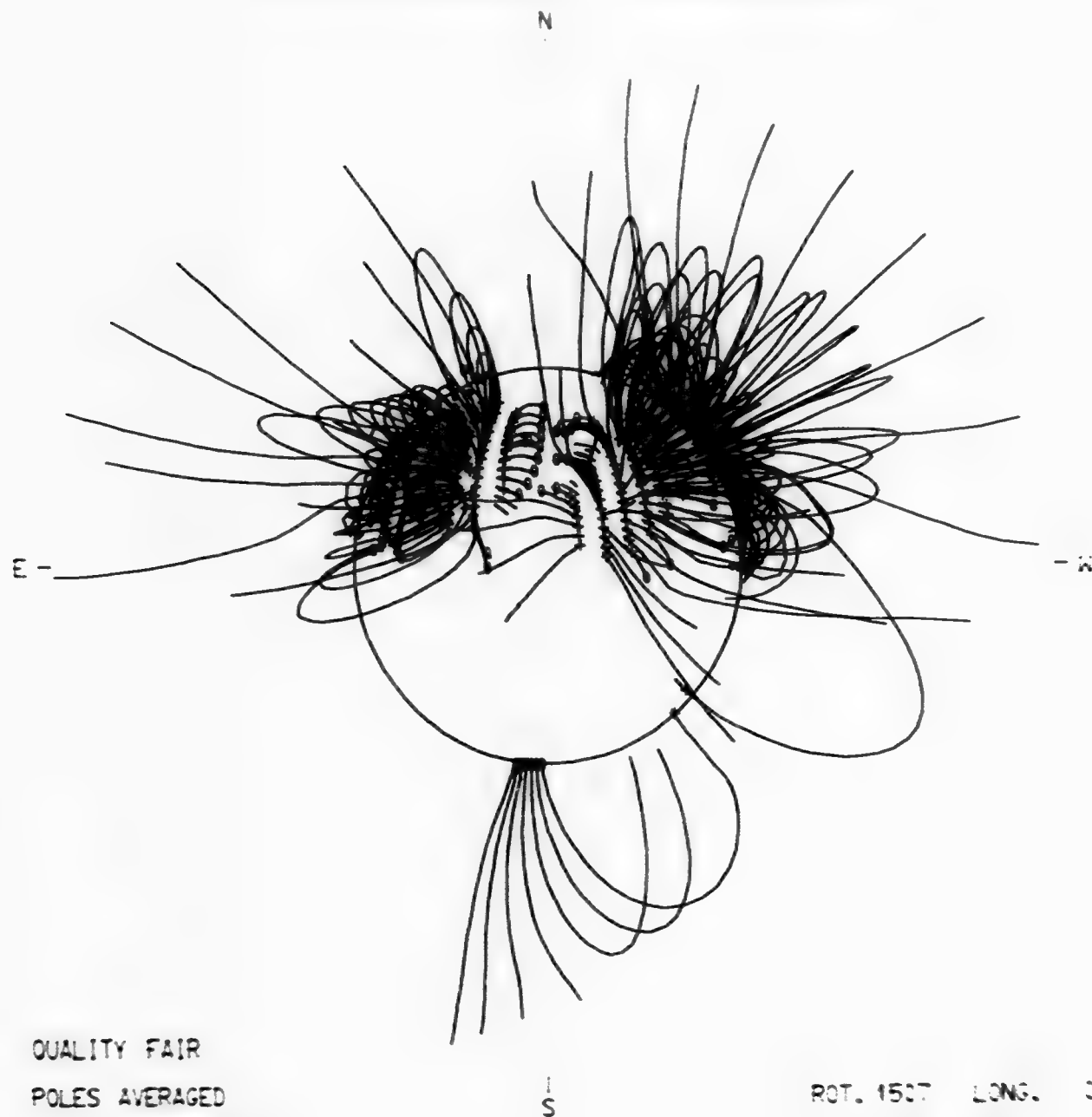


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

i
S

ROT. 1507 LONG. 3°
25.8 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

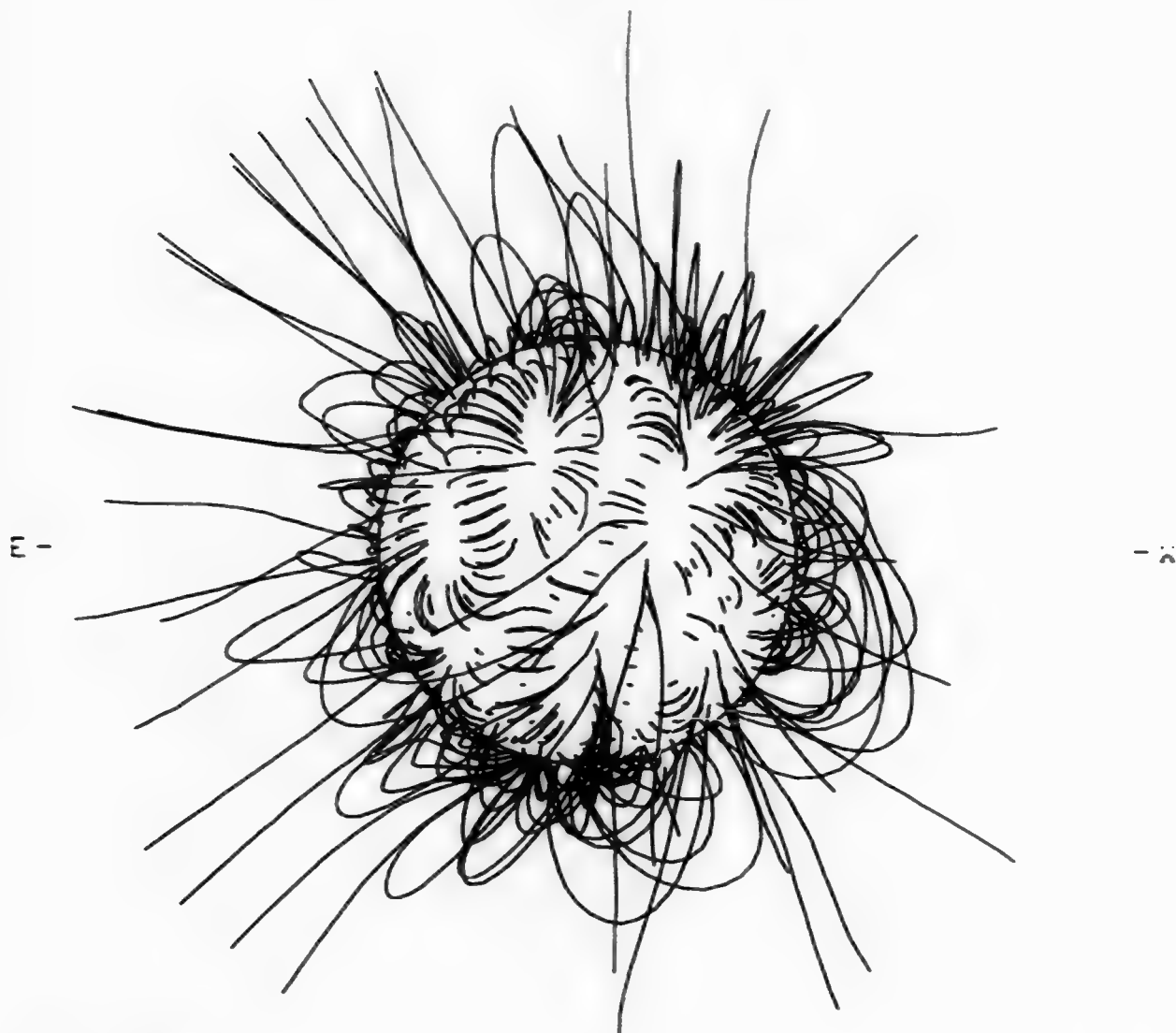
POLES AVERAGED

DATA WINDOW 1507.47

ROT. 1507 LONG. 3°
25.8 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



E -

- S

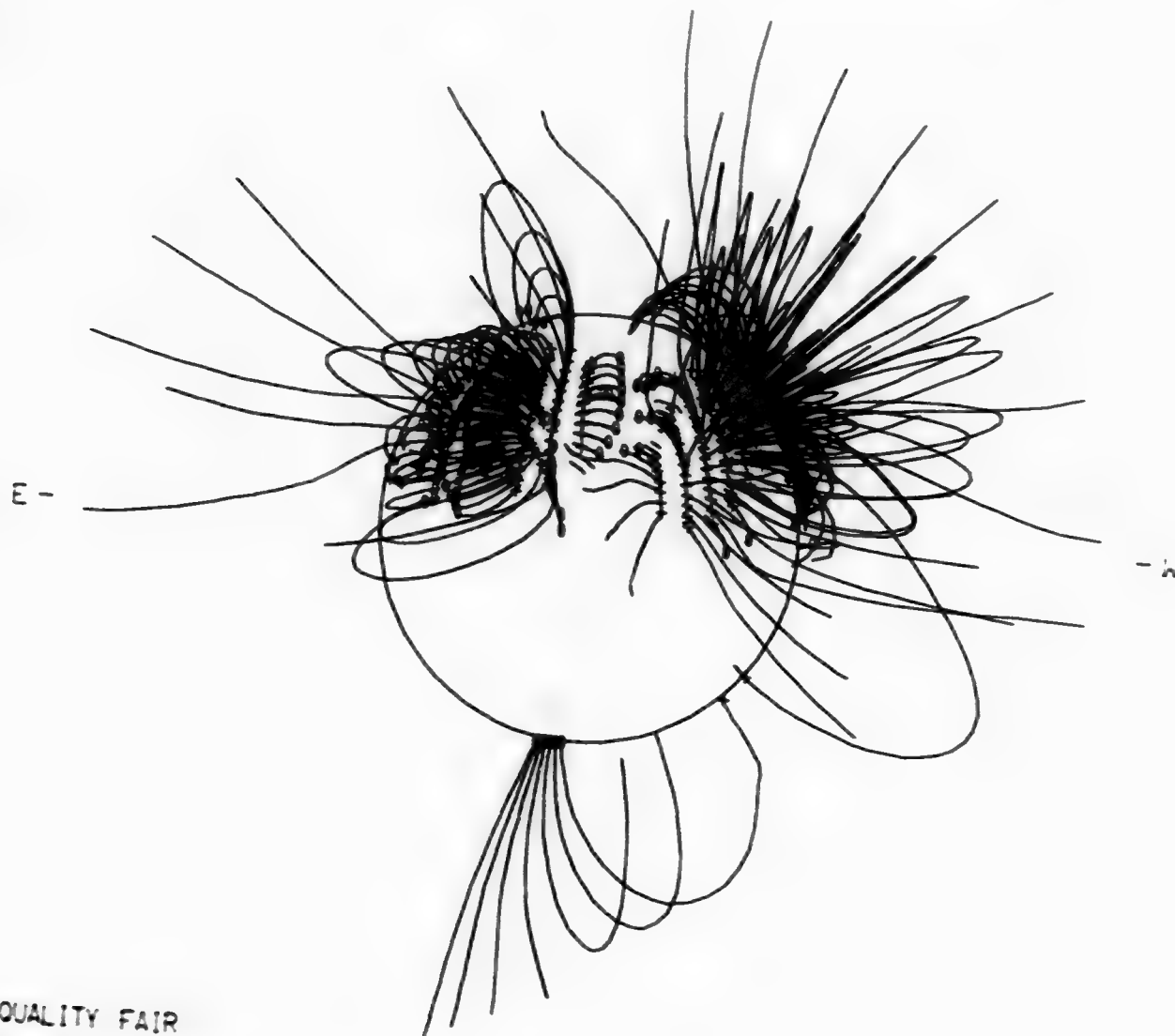
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

! S

ROT. 1538 LONG. 351°
26.6 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

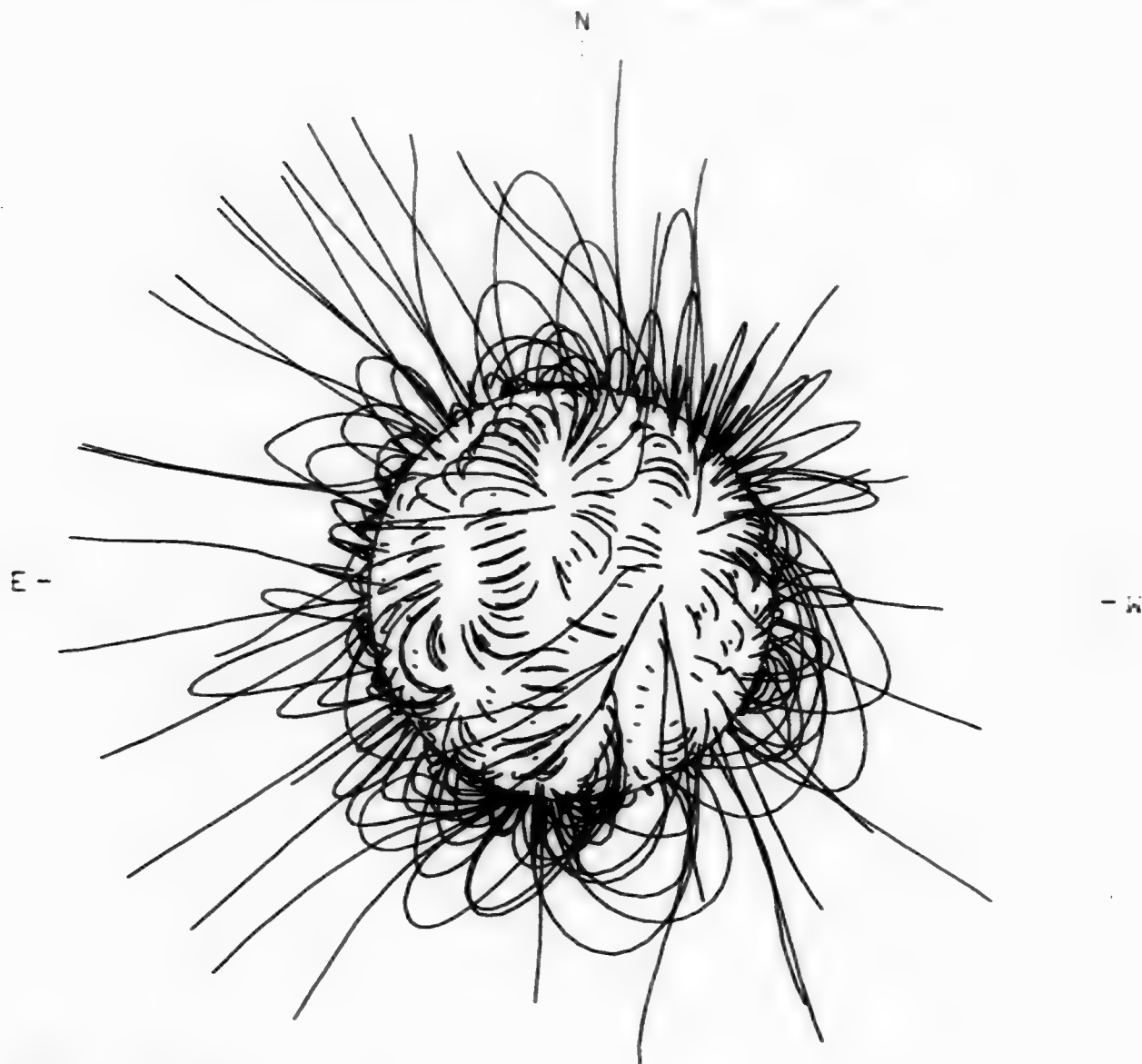


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

I
S

ROT. 1508 LONG. 350°
26.6 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

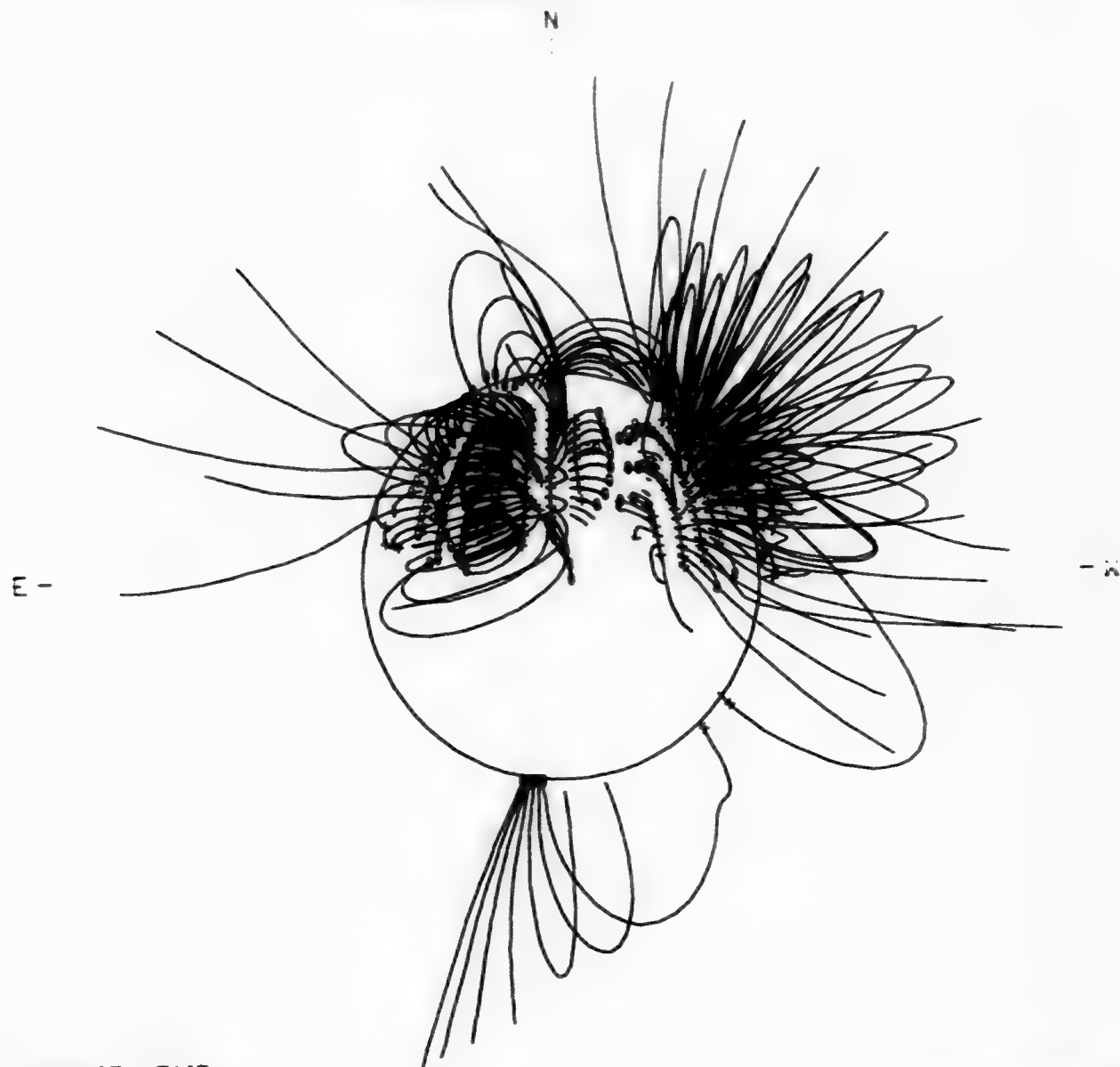


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

I
S

ROT. 1508 LONG. 321°
27.3 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

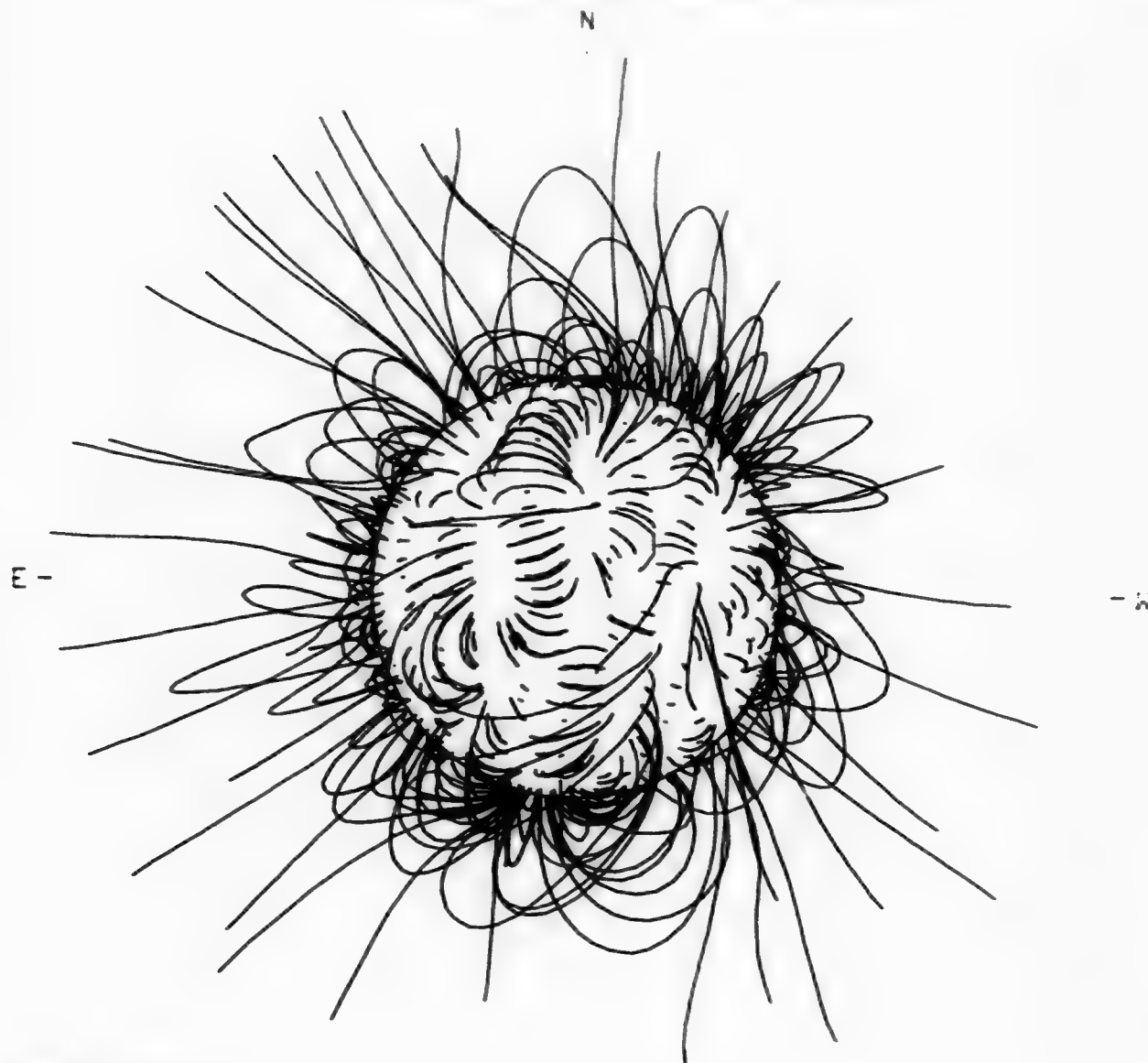


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

I
S

ROT. 1508 LONG. 320°
27.3 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

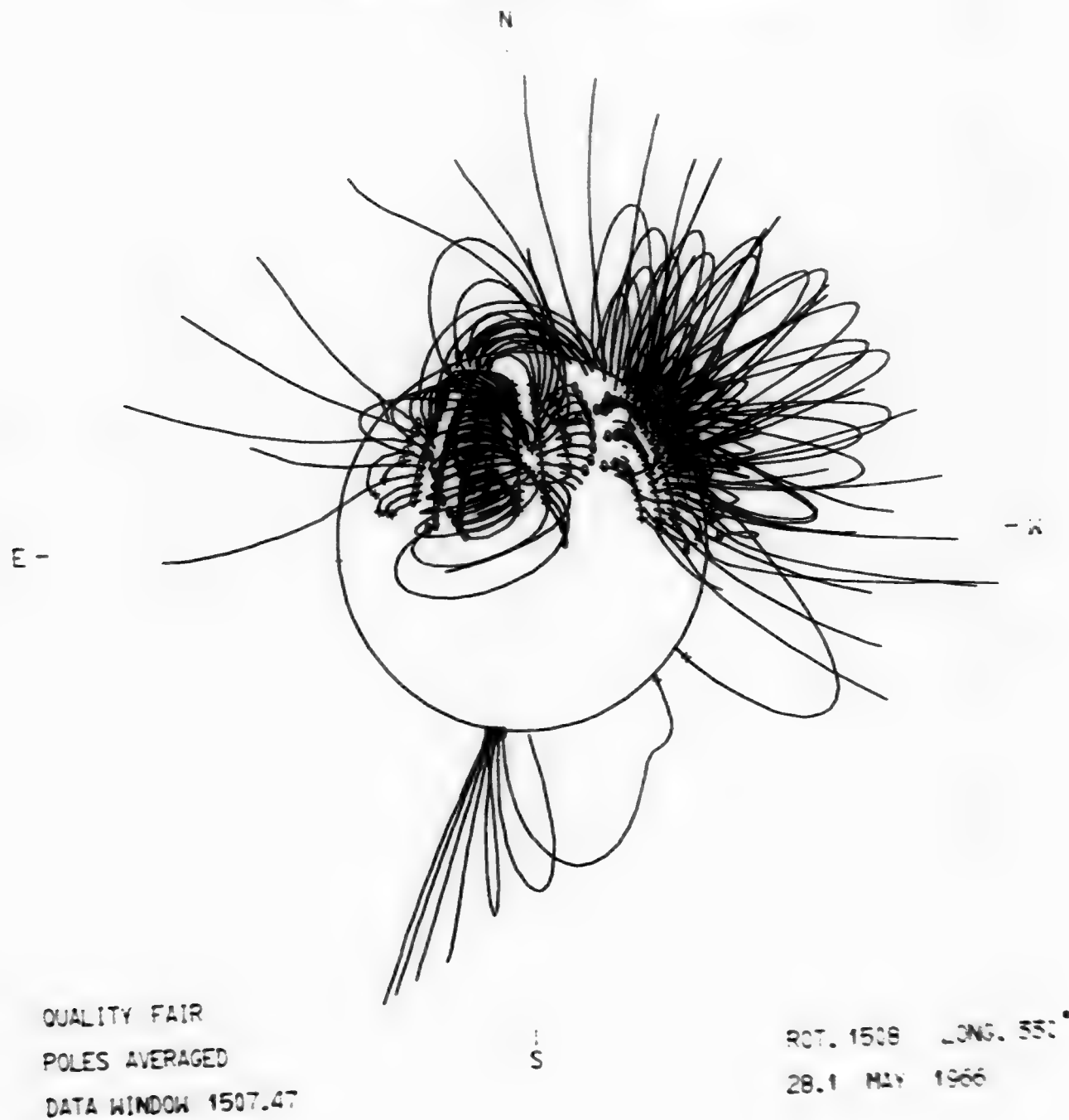


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

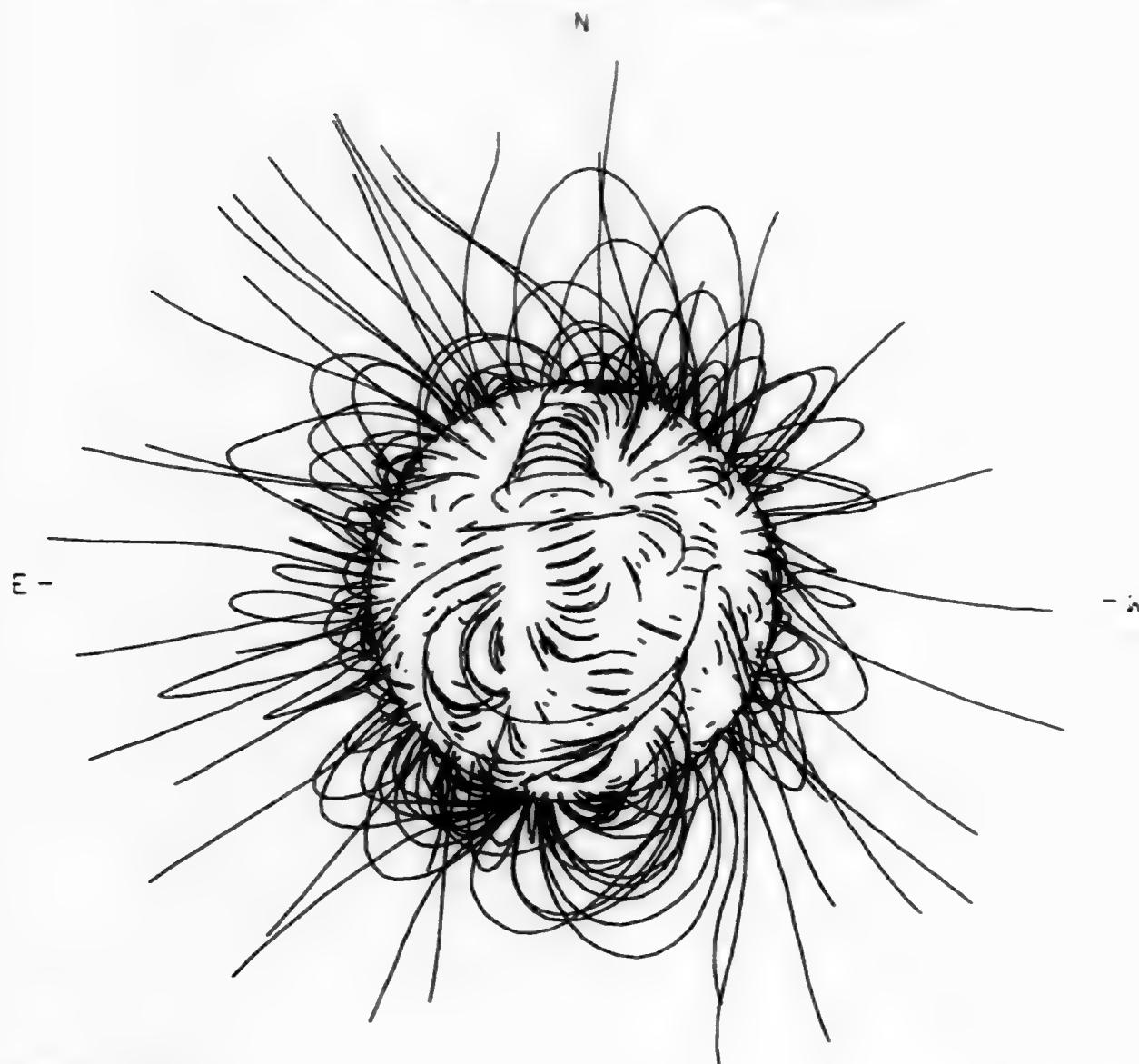
I
S

ROT. 1508 LONG. 330°
28.1 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



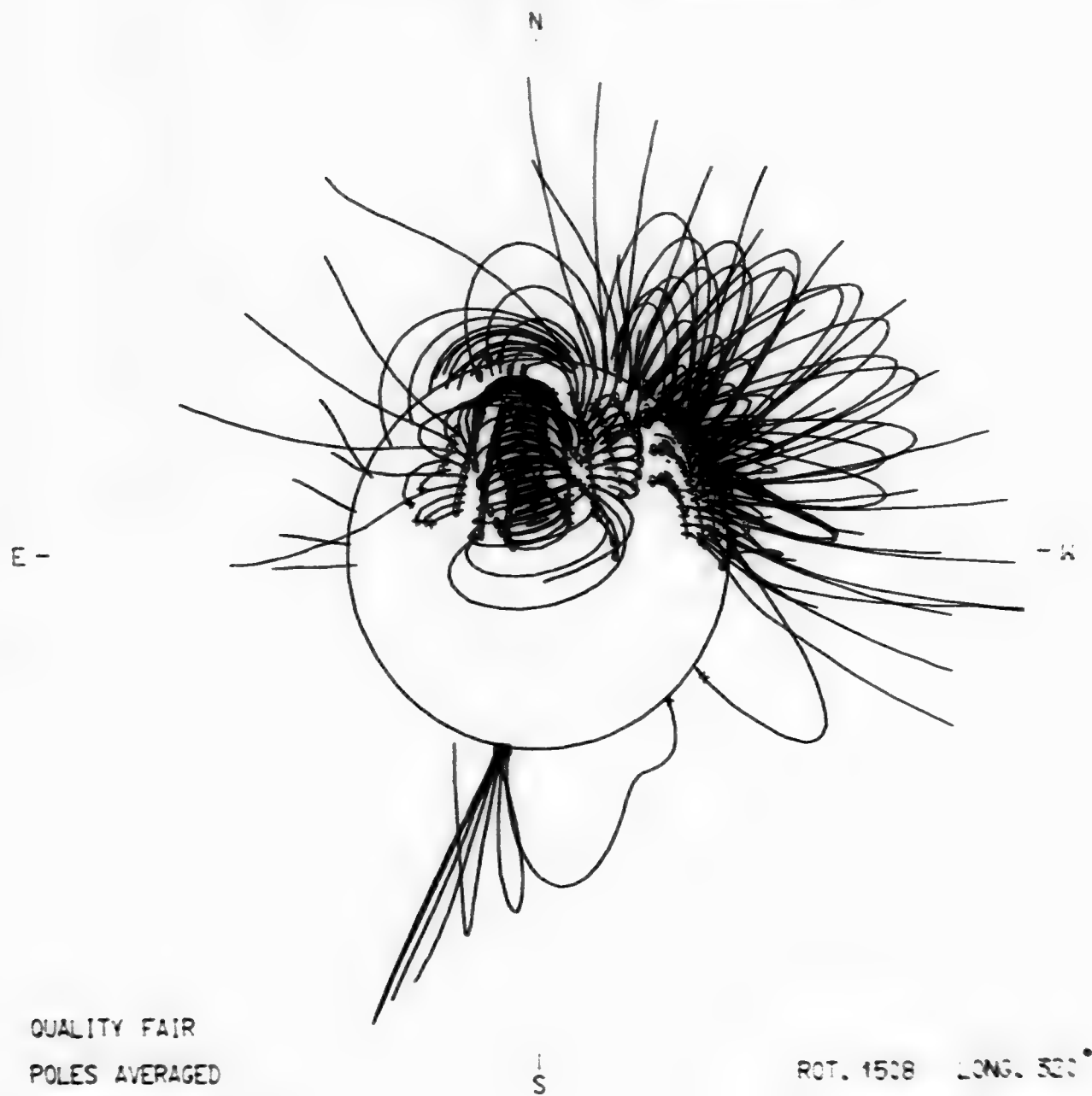
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

ROT. 1508 LONG. 300°
28.9 MAY 1966

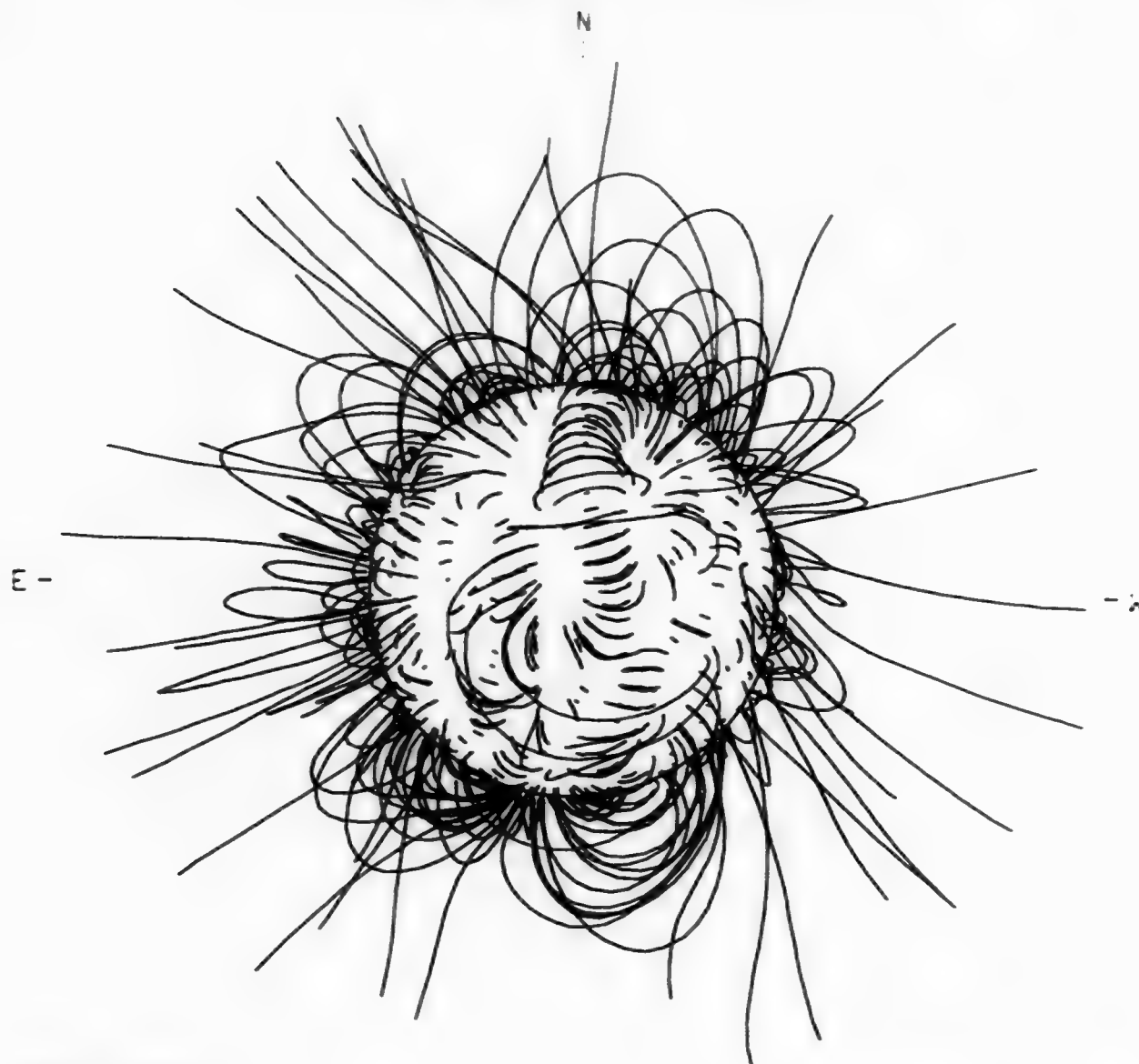
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

ROT. 1508 LONG. 320°
28.9 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

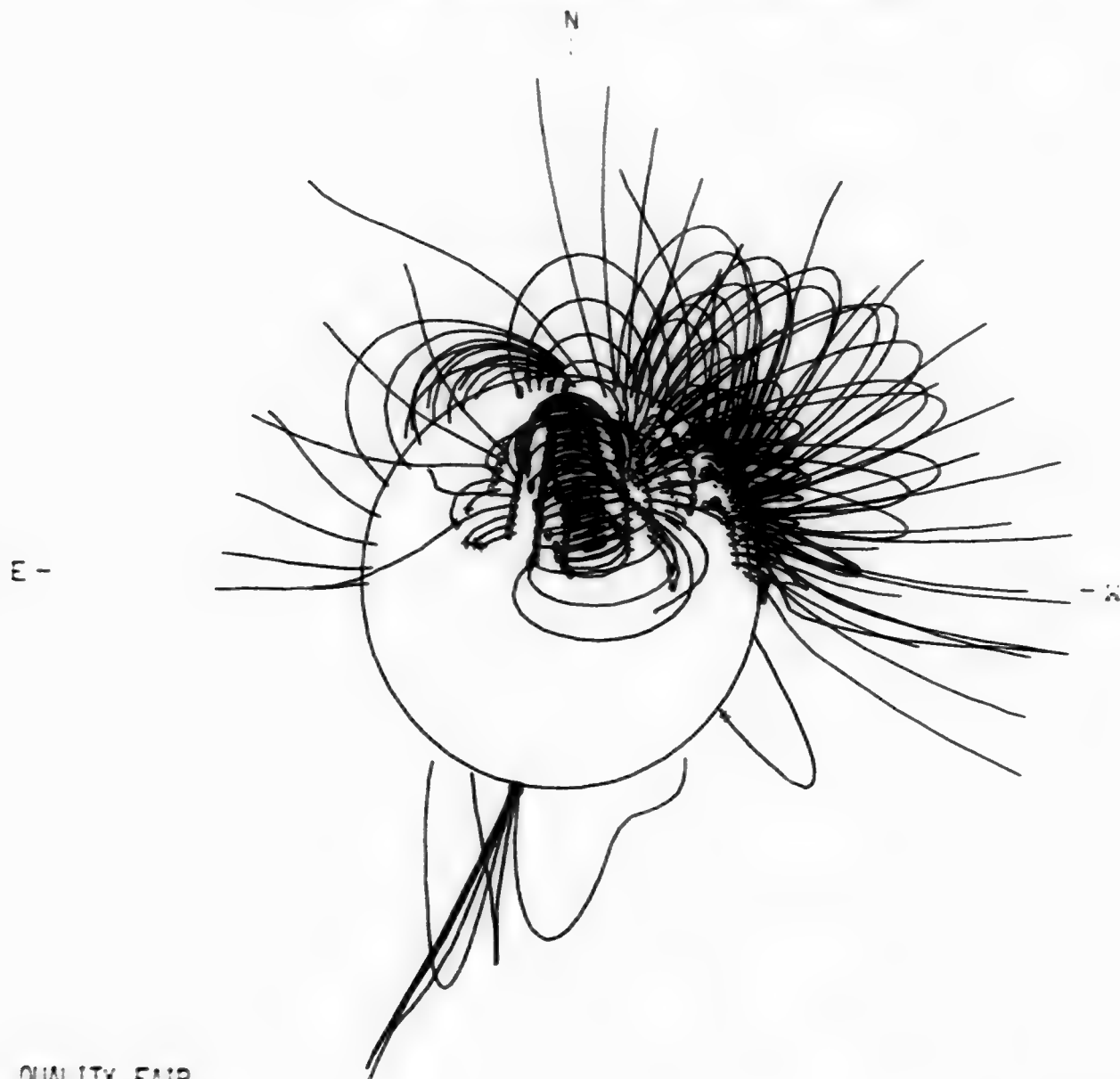


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

I
S

ROT. 1508 LONG. 510°
29.6 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

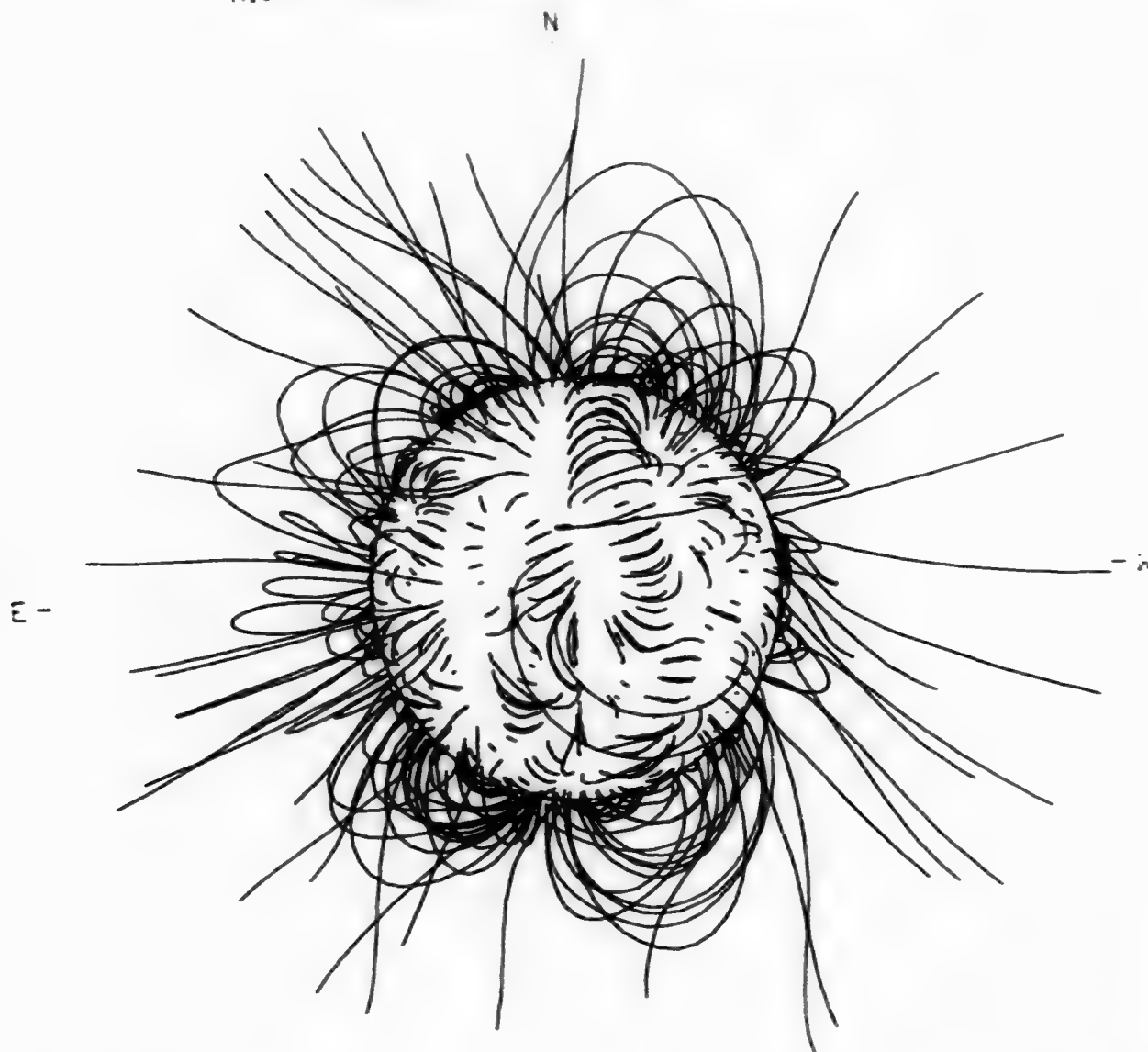
DATA WINDOW 1507.47

I
S

ROT. 1508 LONG. 310°

29.6 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

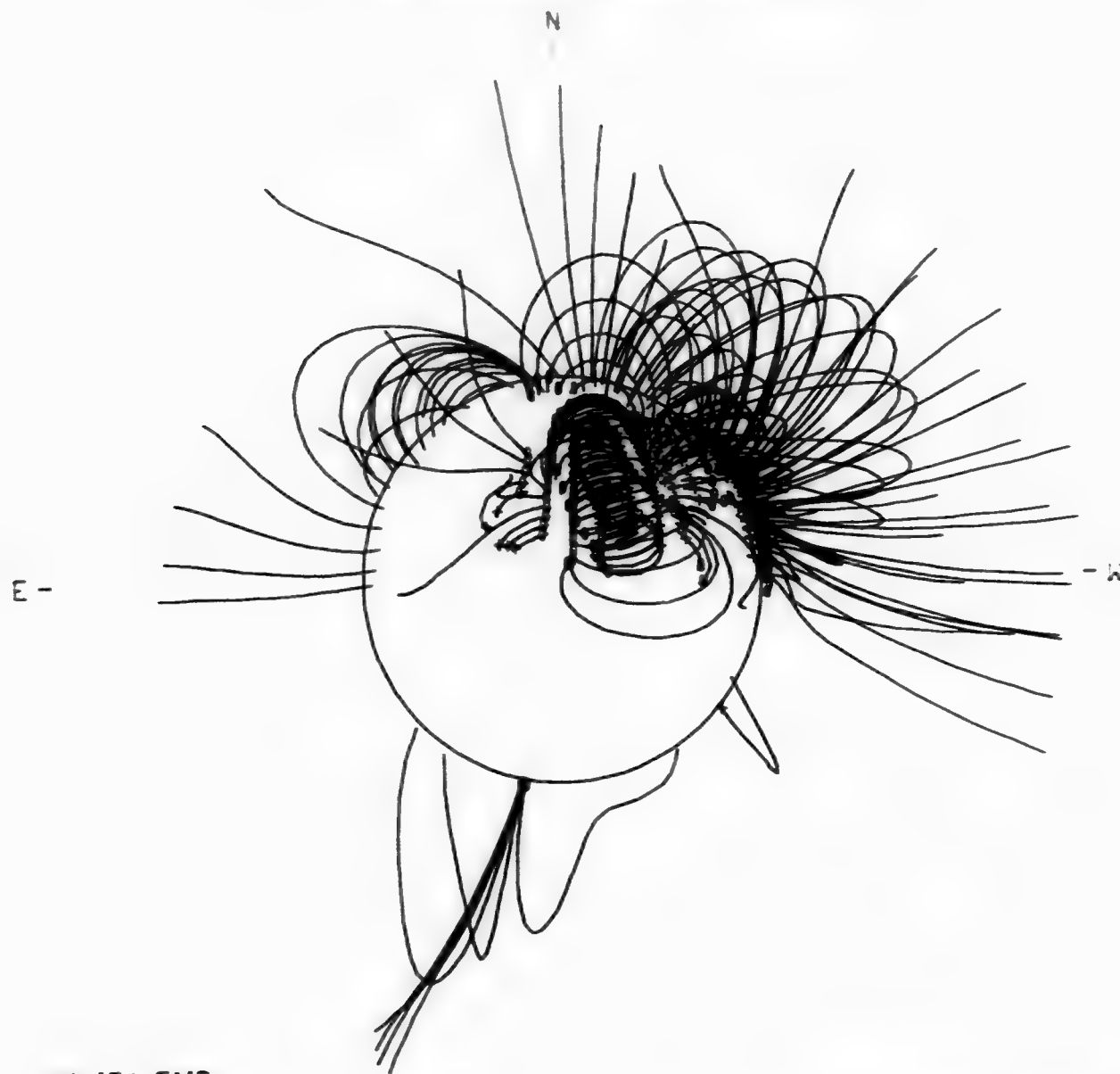


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

I
S

ROT. 1508 LONG. 500°
30.4 MAY 1966

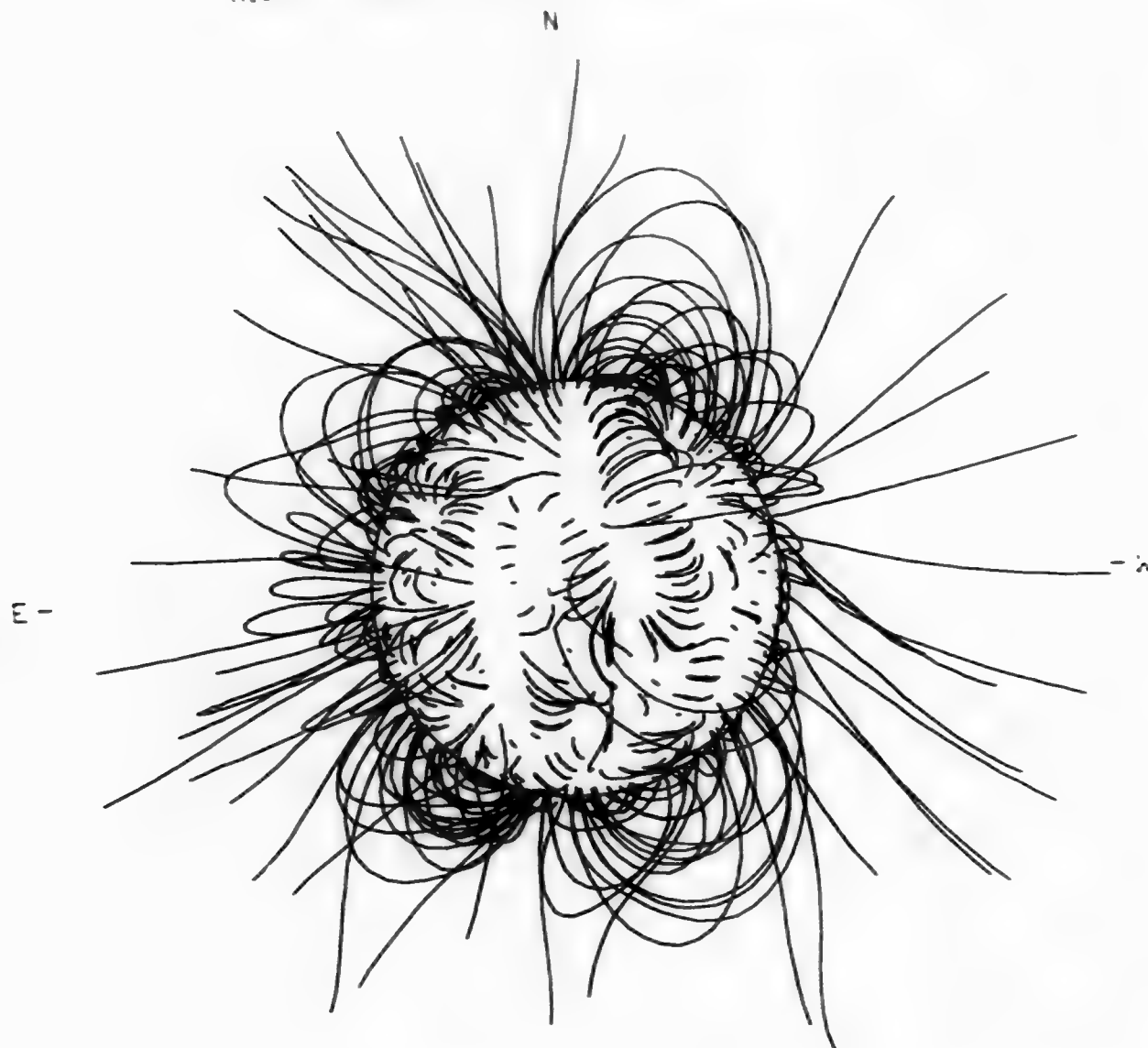
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

ROT. 1508 LONG. 500°
30.4 MAY 1966

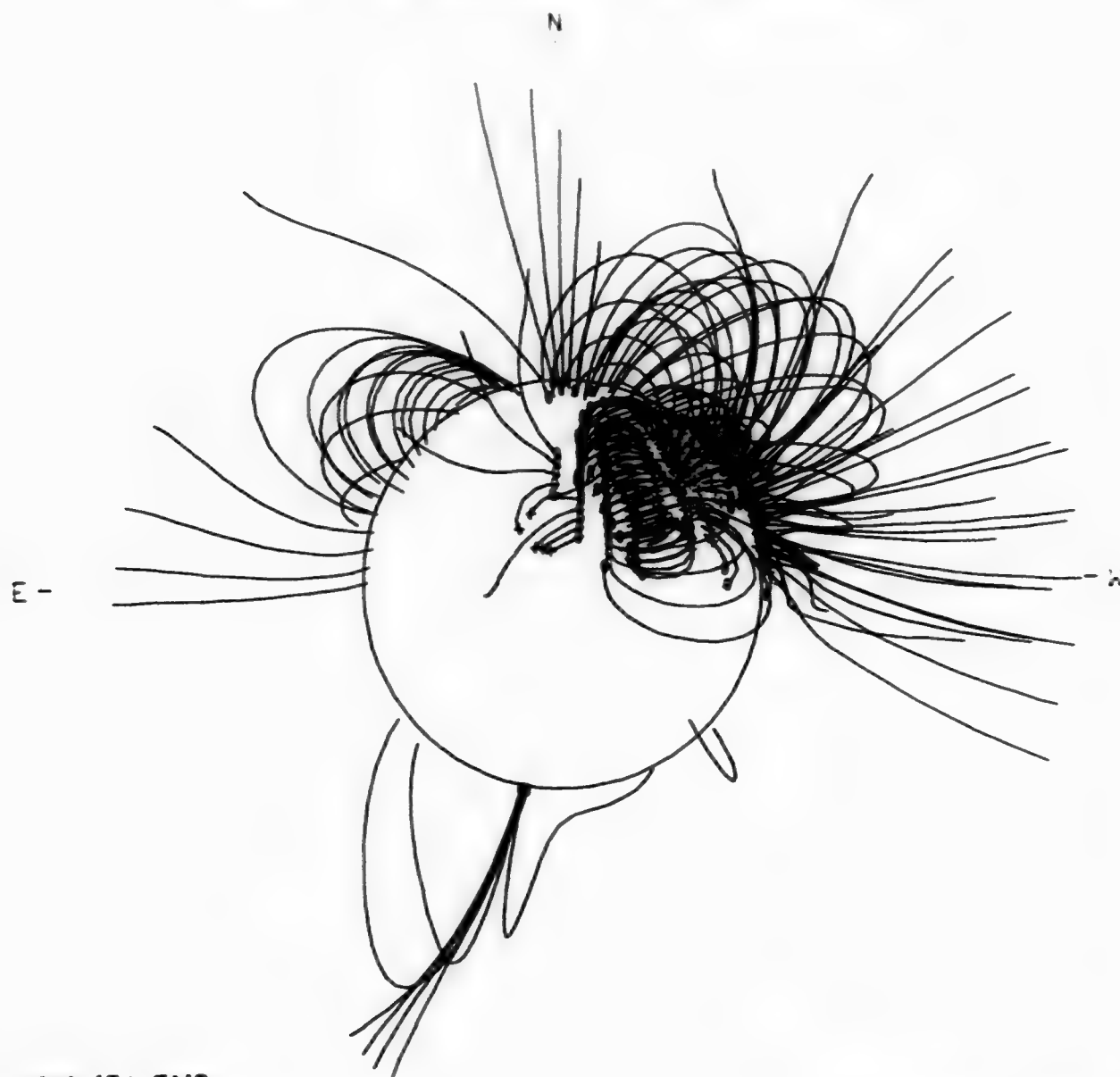
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

ROT. 1508 LONG. 290°
31.1 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

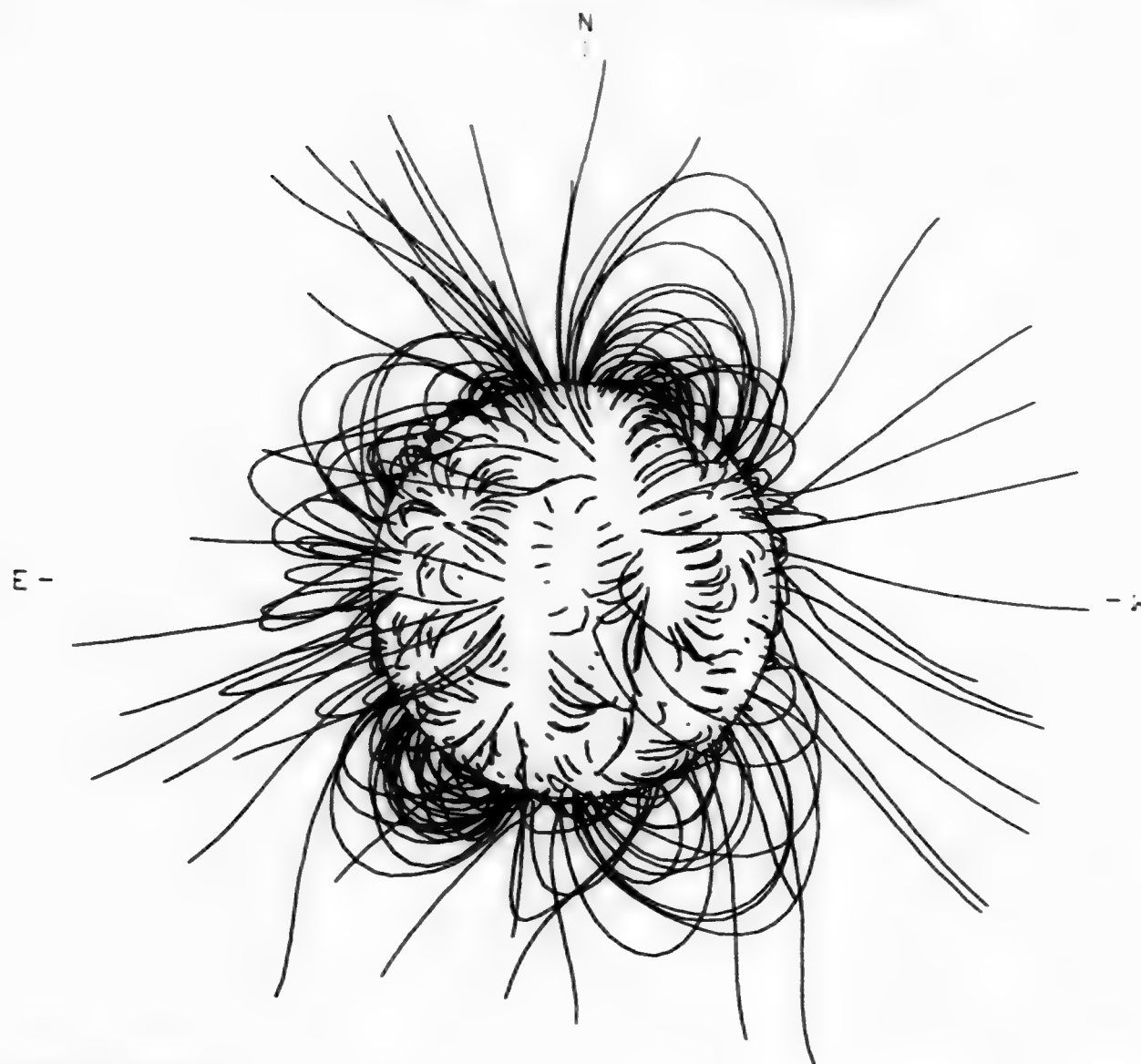


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

S

ROT. 1508 LONG. 290°
31.1 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

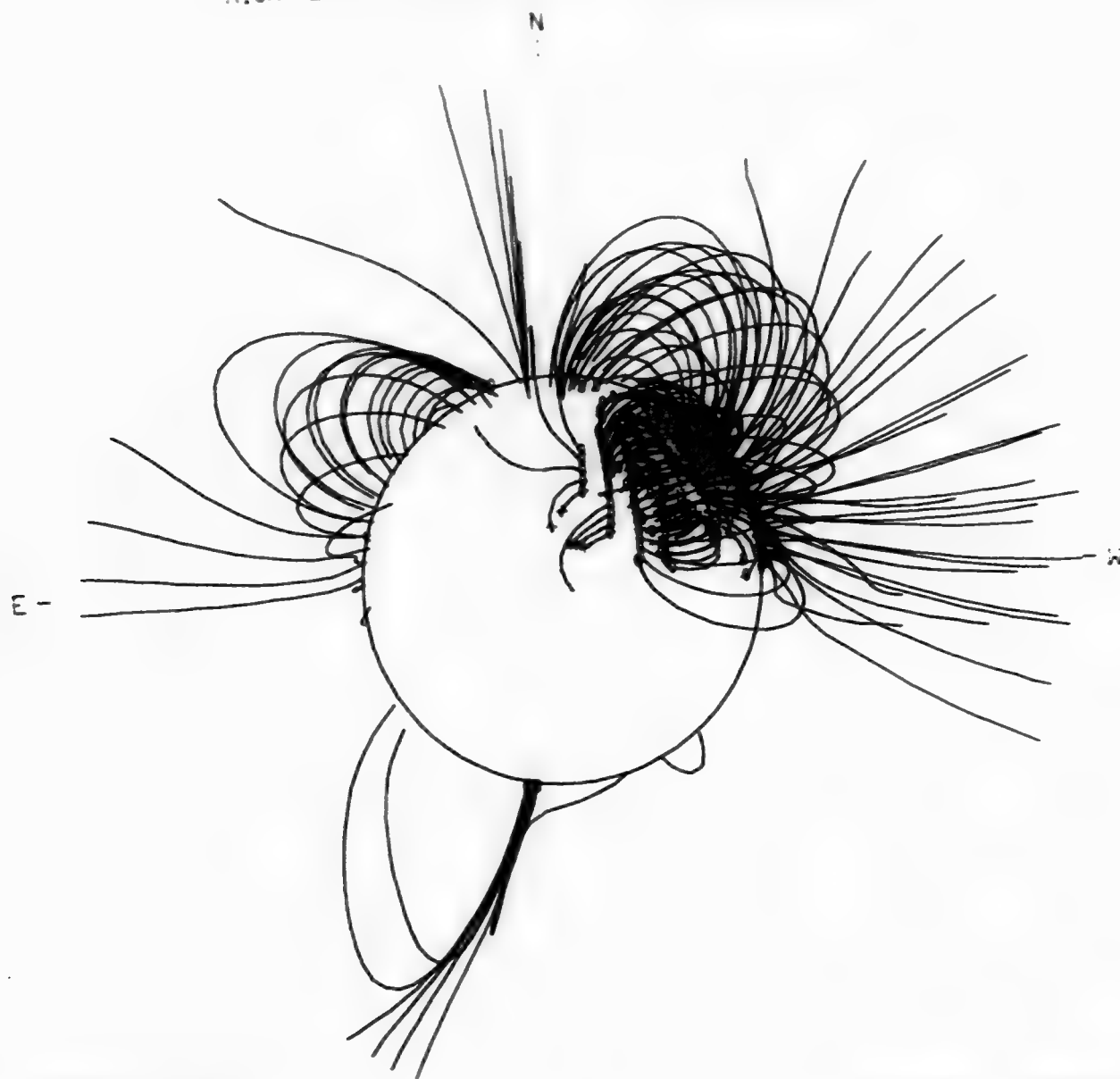


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

I
S

ROT. 1508 LONG. 280°
31.9 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

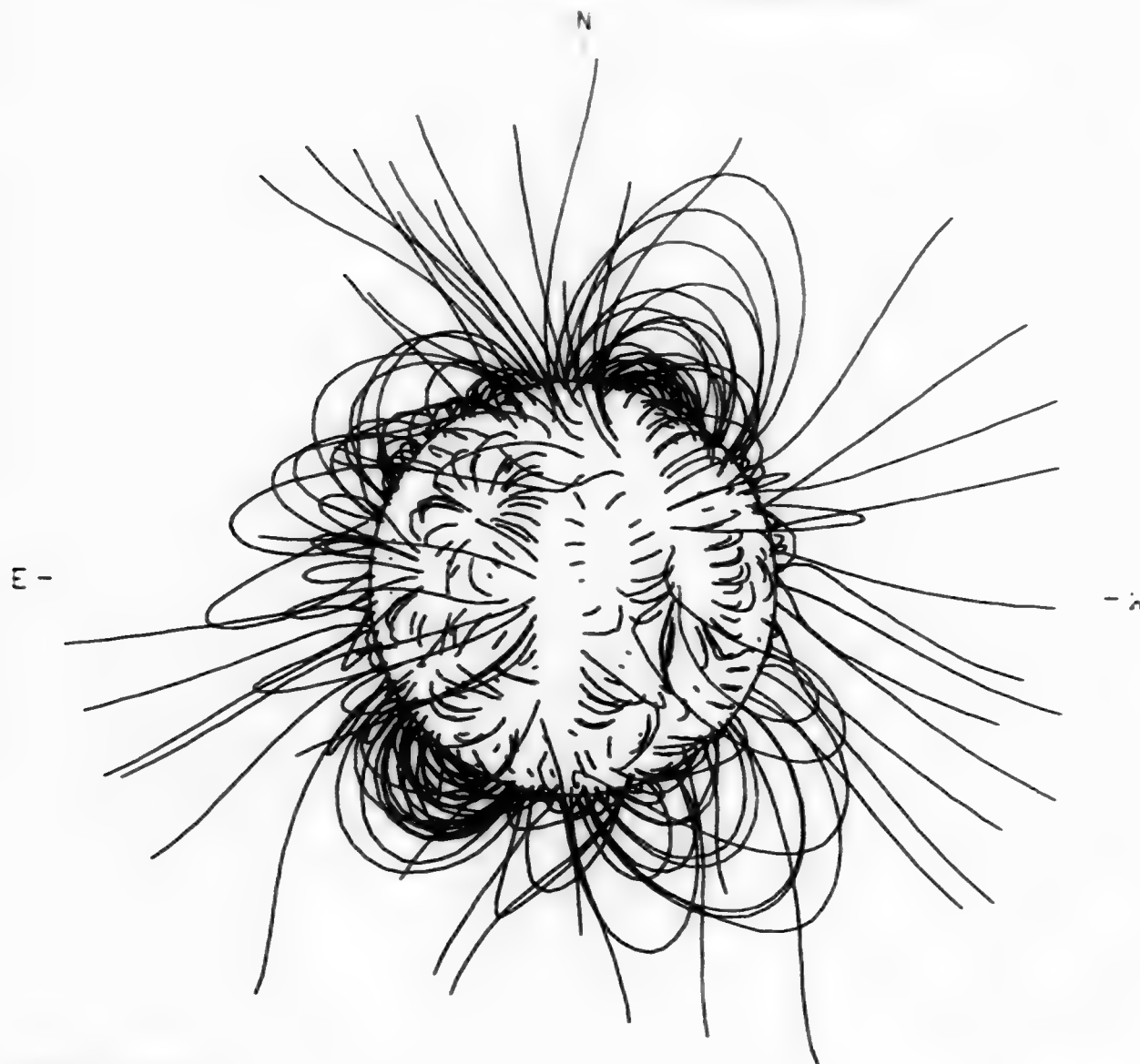


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

S

ROT. 1508 LONG. 290°
31.9 MAY 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

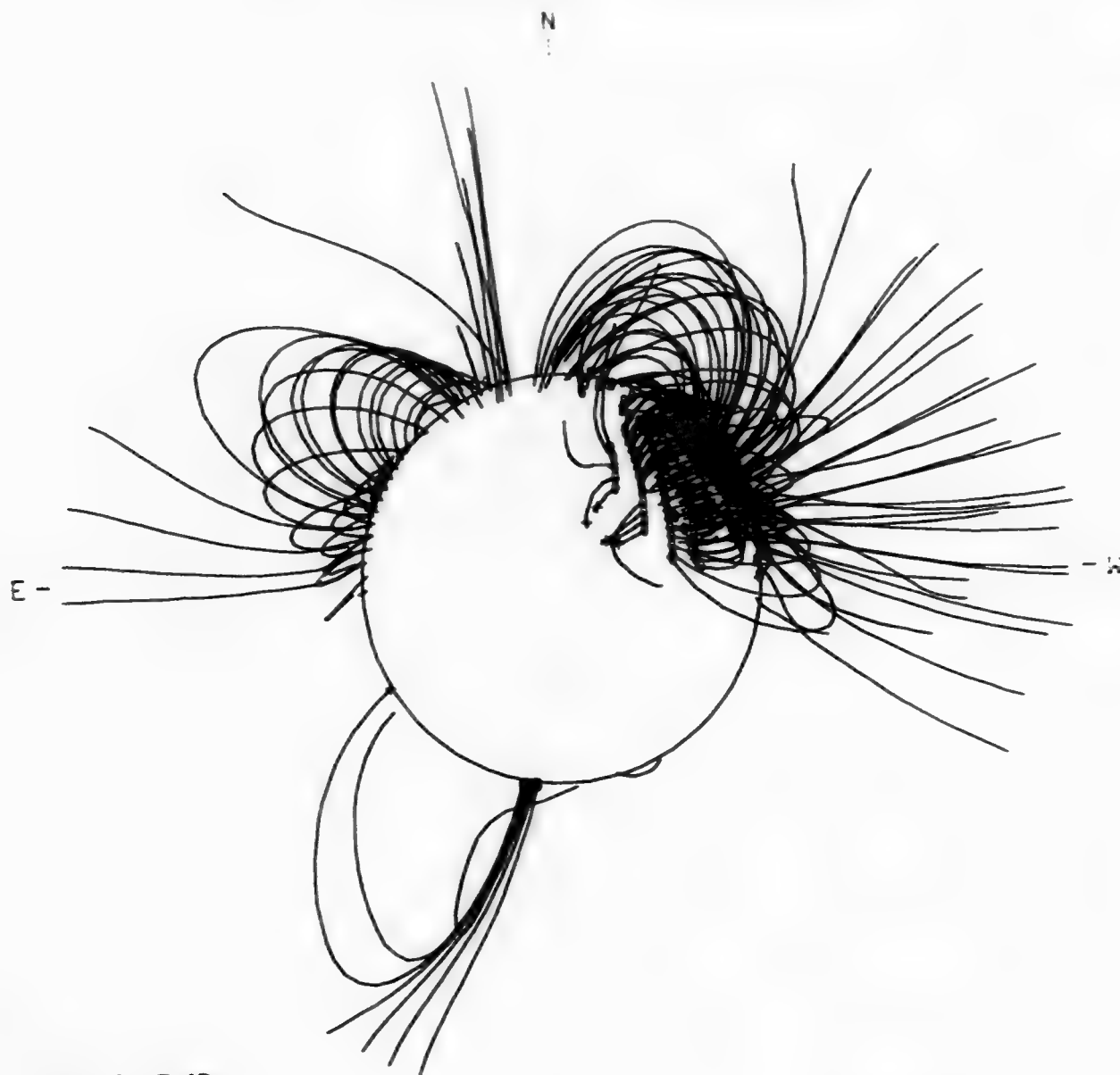


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

I
S

ROT. 1508 LONG. 270°
1.6 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



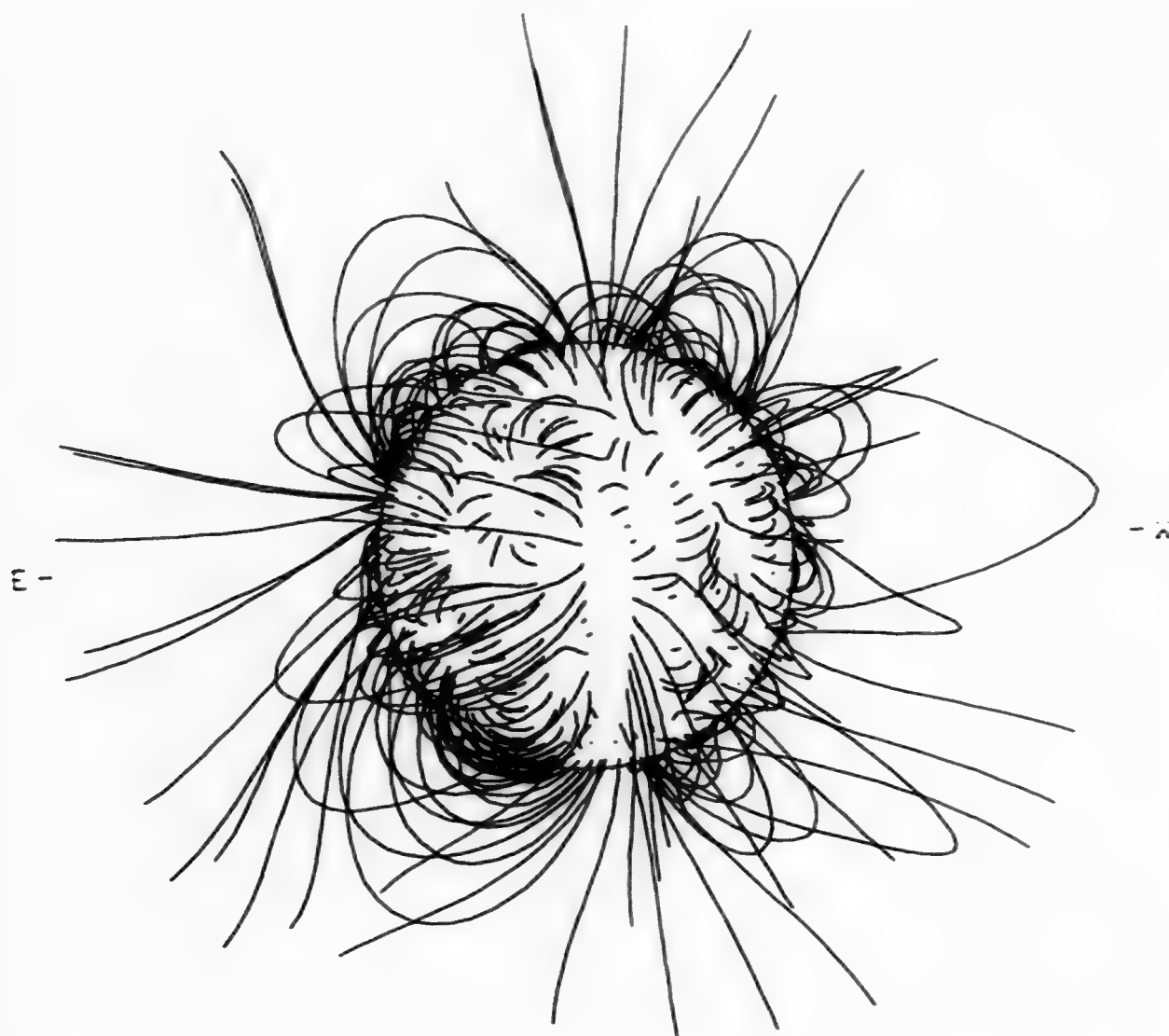
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1507.47

1
S

ROT. 1508 LONG. 270°
1.6 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

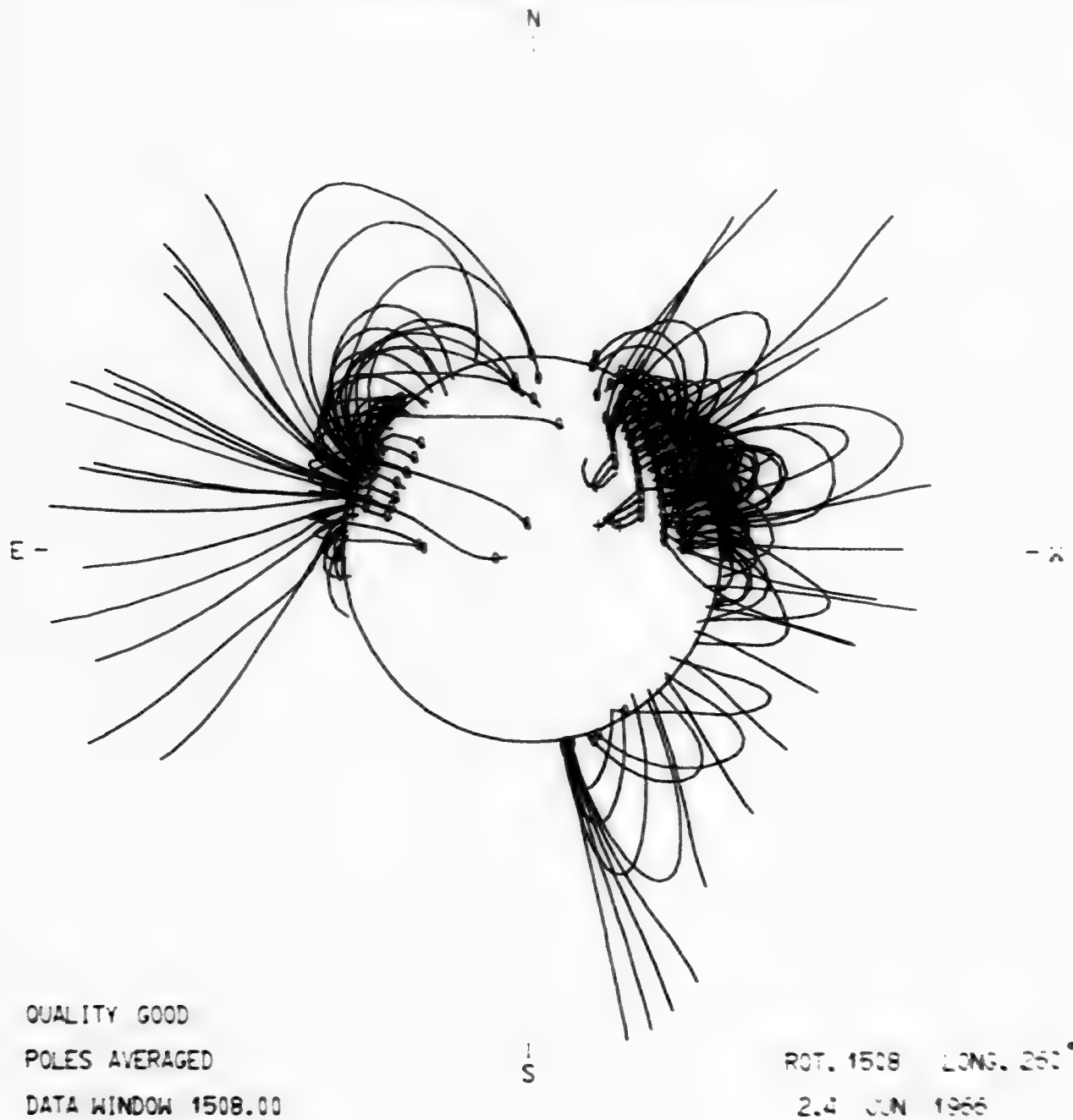


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

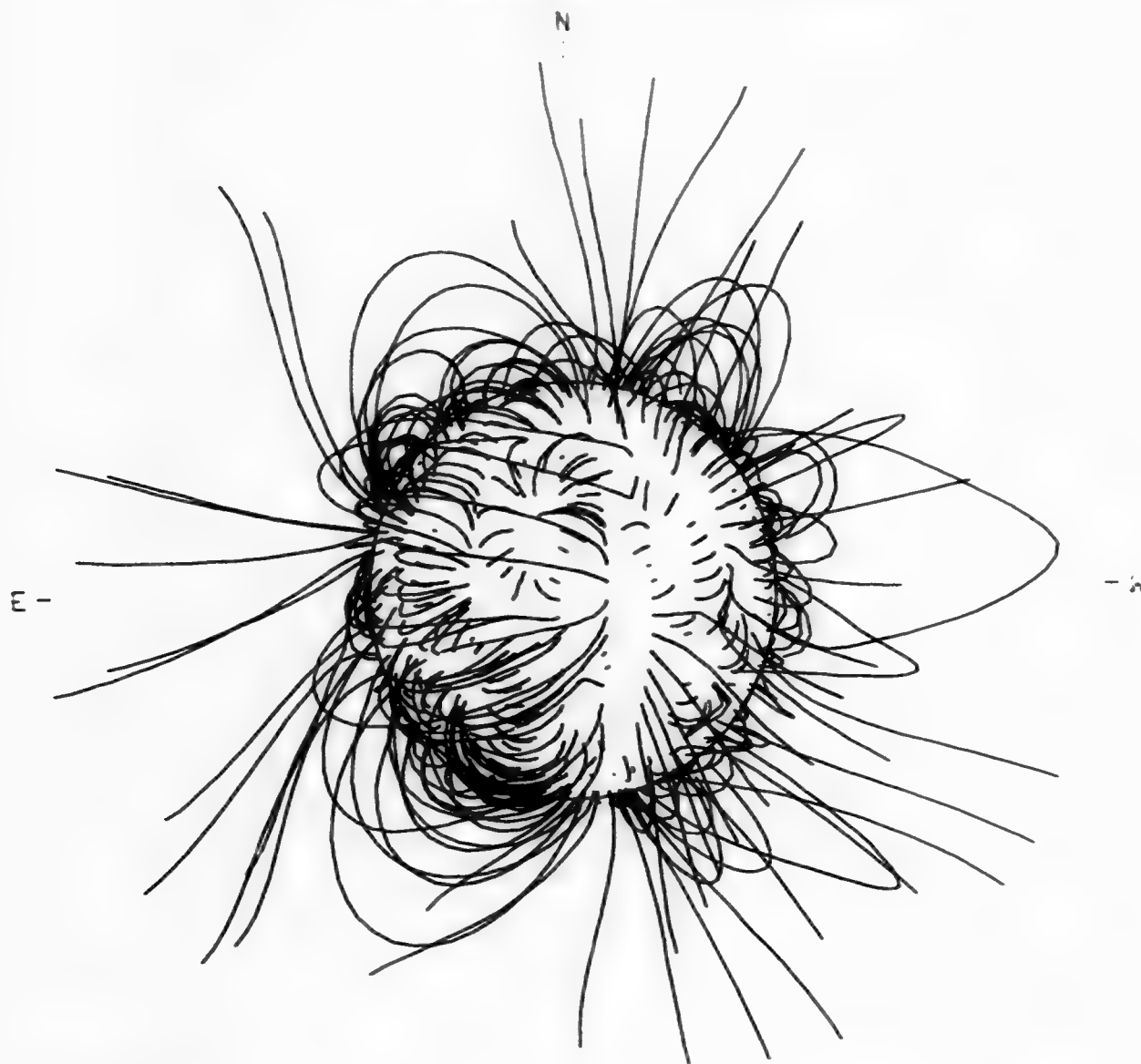
S

ROT. 1508 LONG. 260°
2.4 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

S

ROT. 1508 LONG. 250°
3.1 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

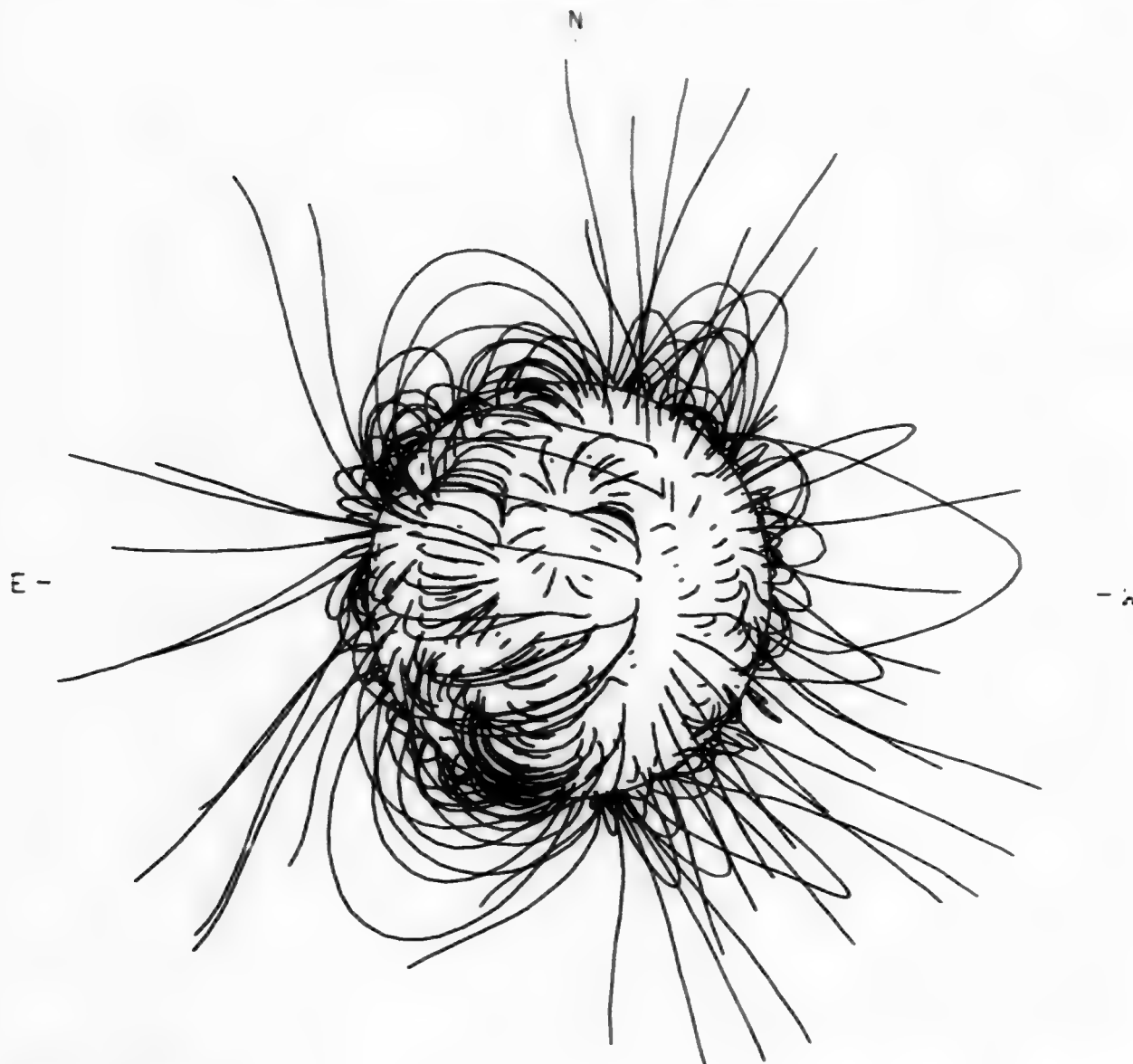


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

S

ROT. 1508 LONG. 250°
3.1 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

I
S

ROT. 1508 LONG. 241°
3.9 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

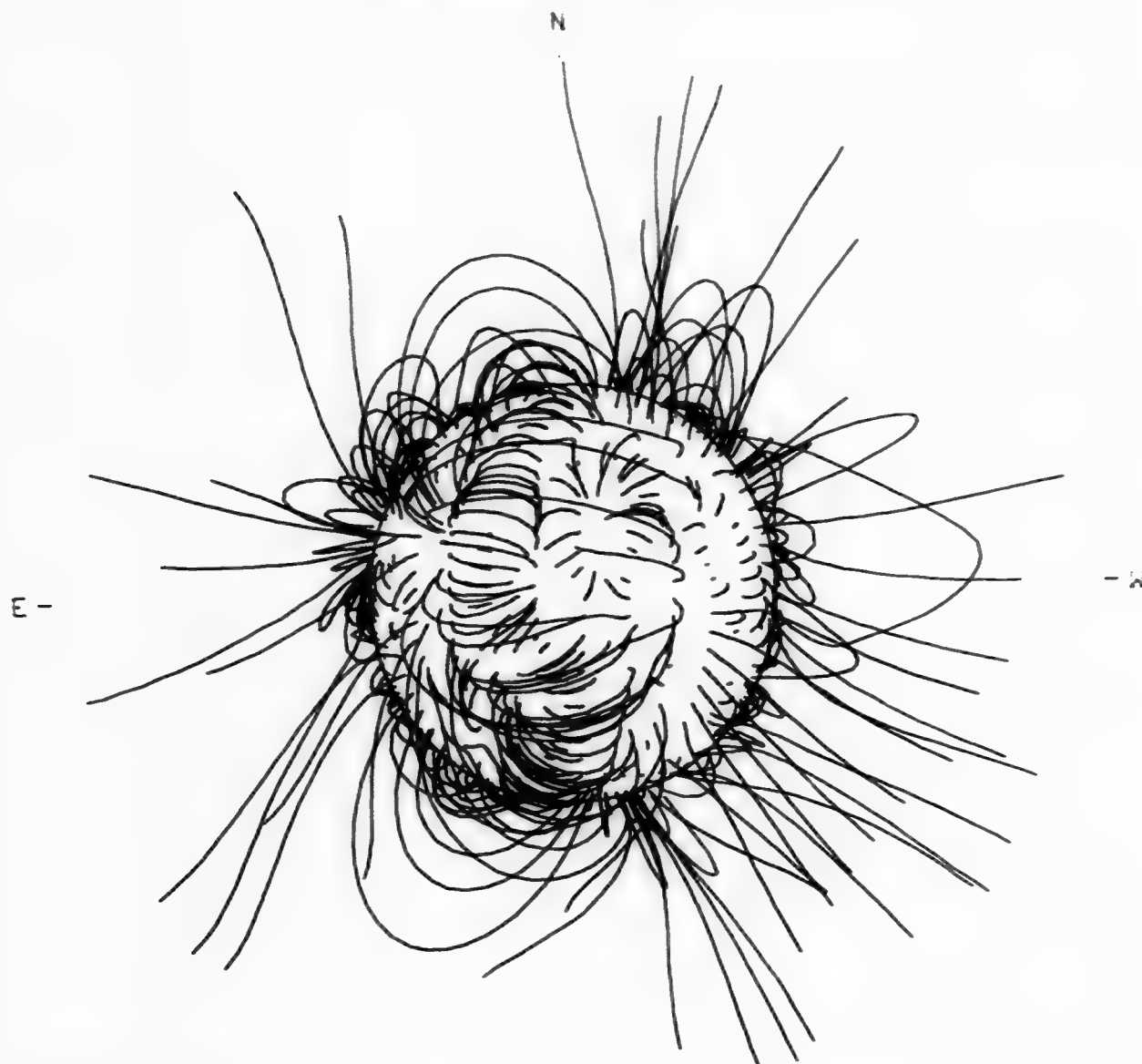


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

S

ROT. 1508 LONG. 200°
3.9 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

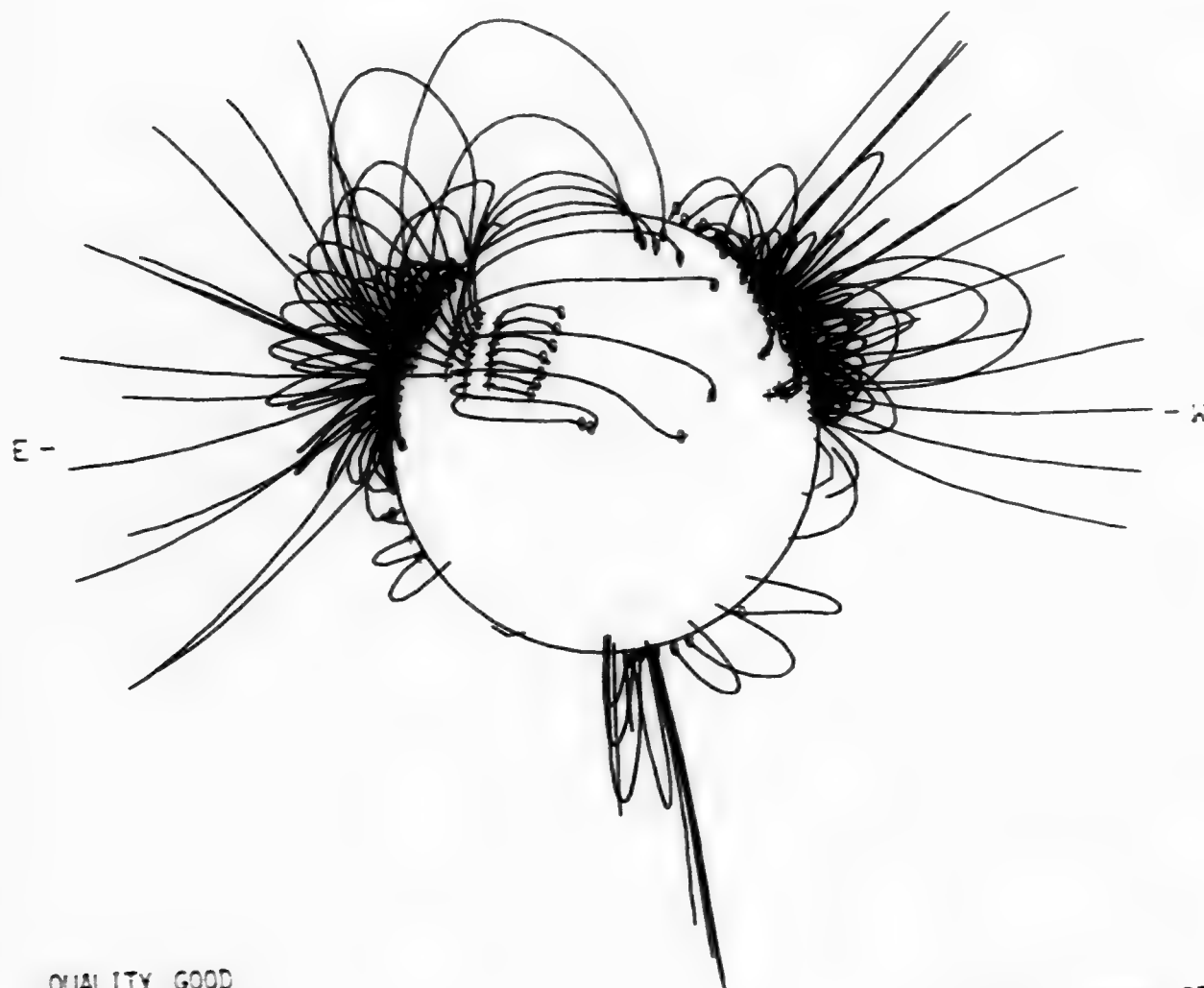


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

I
S

ROT. 1508 LONG. 231°
4.6 JUN 1966

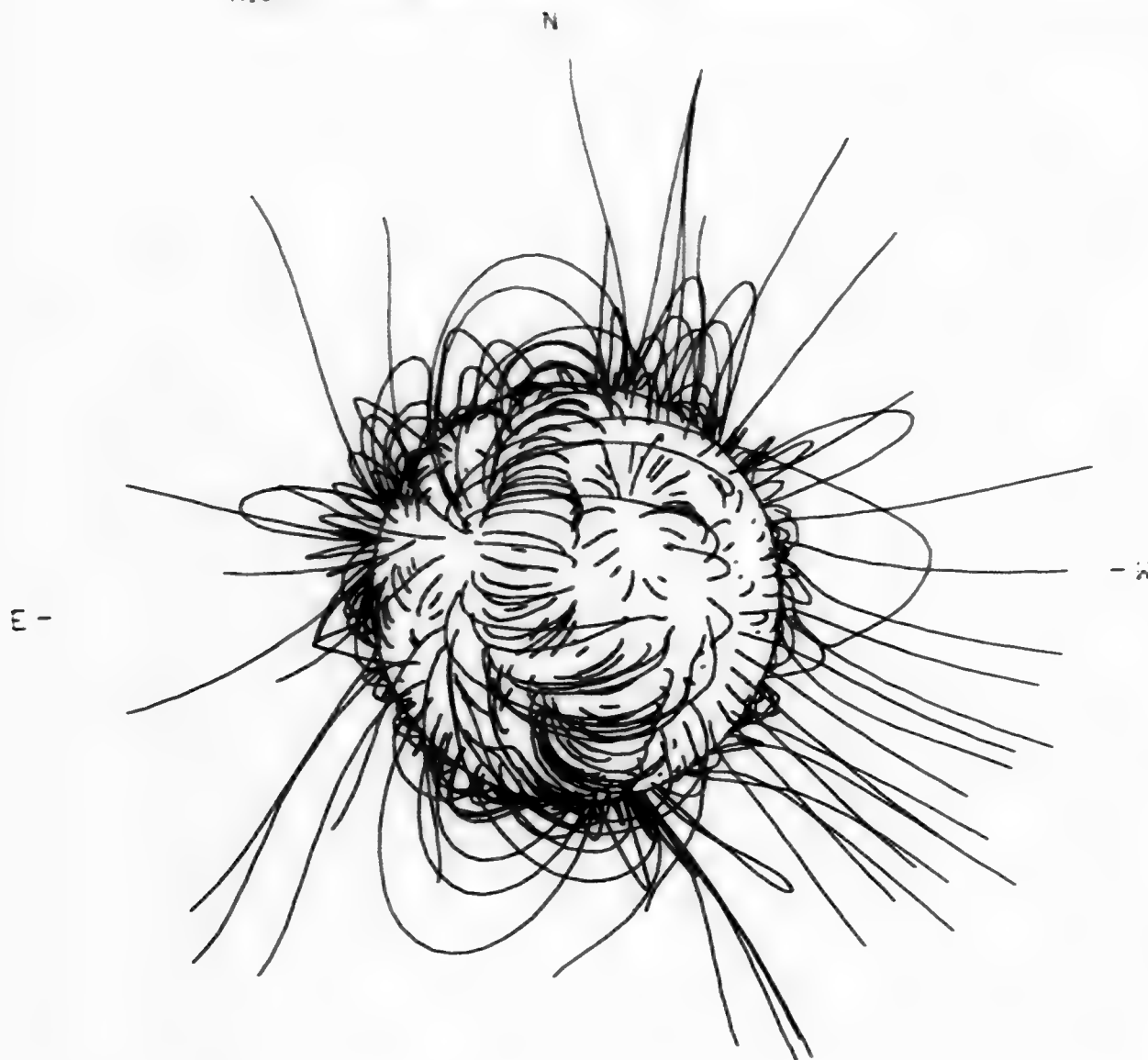
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

ROT. 1508 LONG. 250°
4.6 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

ROT. 1508 LONG. 220°
5.4 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES
N



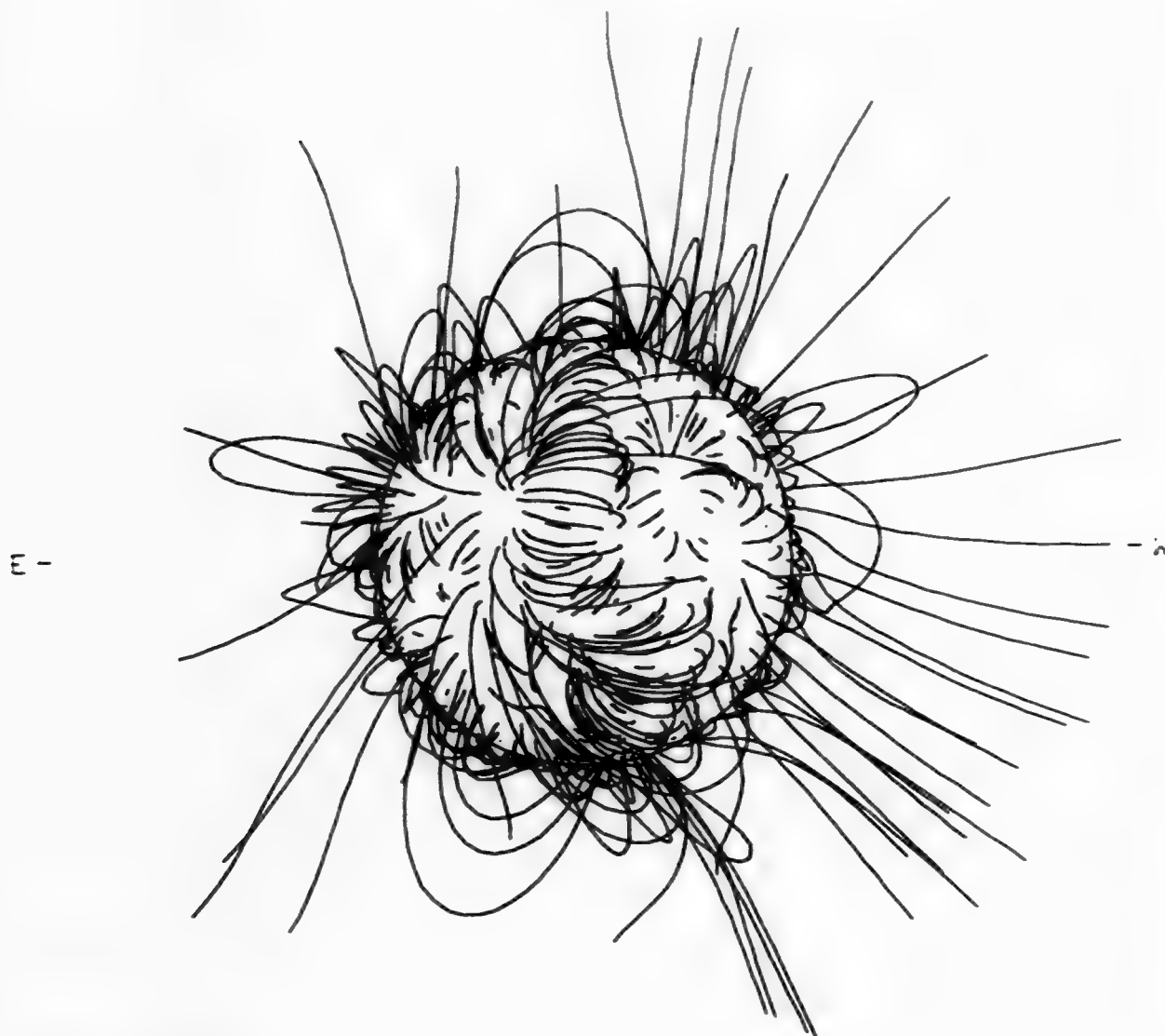
QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

S

ROT. 1508 LONG. 220°
5.4 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



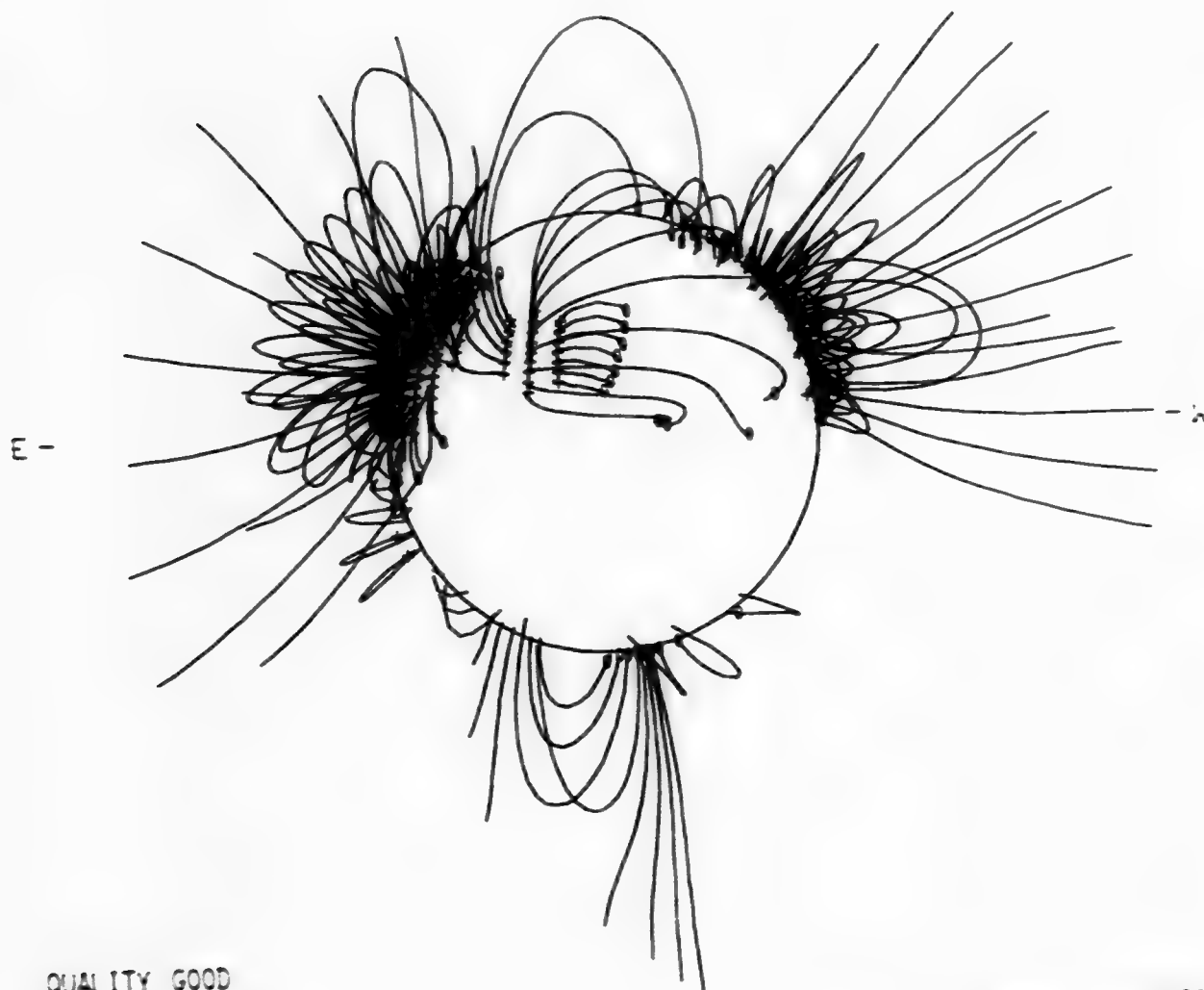
QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

I
S

ROT. 1508 LONG. 210°
6.1 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



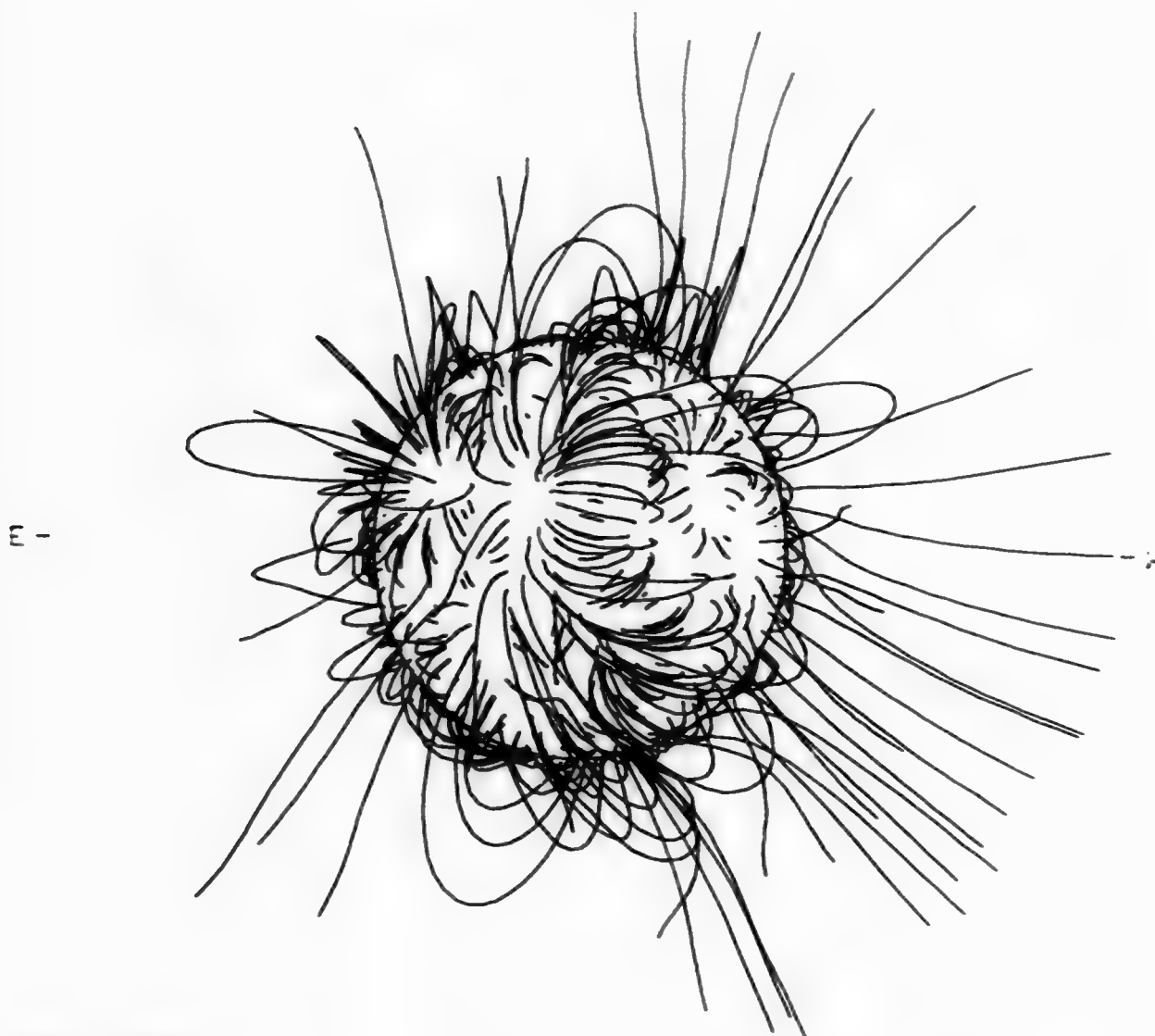
QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

S

ROT. 1508 LONG. 210°
6.1 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY GOOD

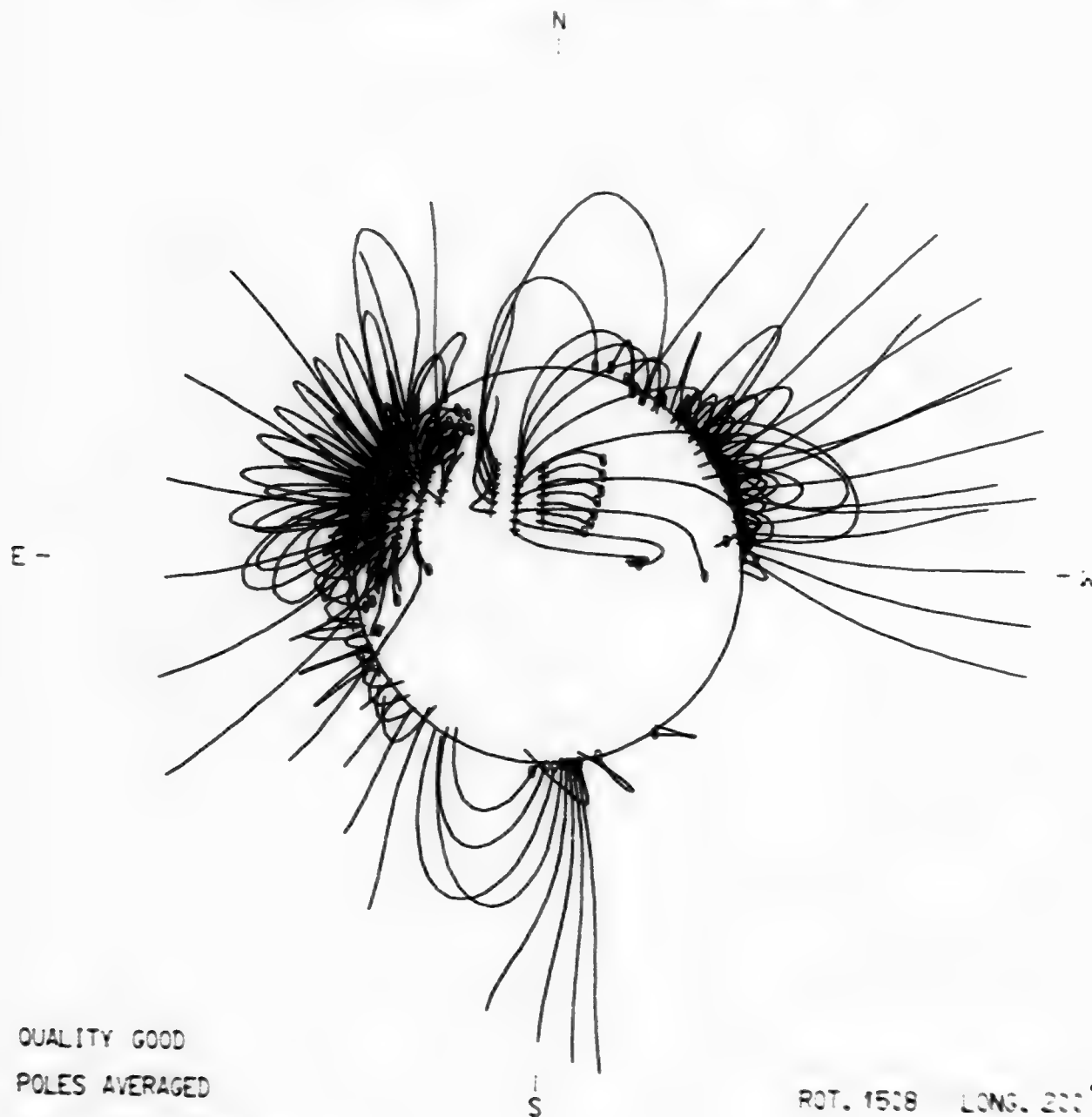
POLES AVERAGED

DATA WINDOW 1508.00

ROT. 1508 LONG. 200°

6.9 JUN 1966

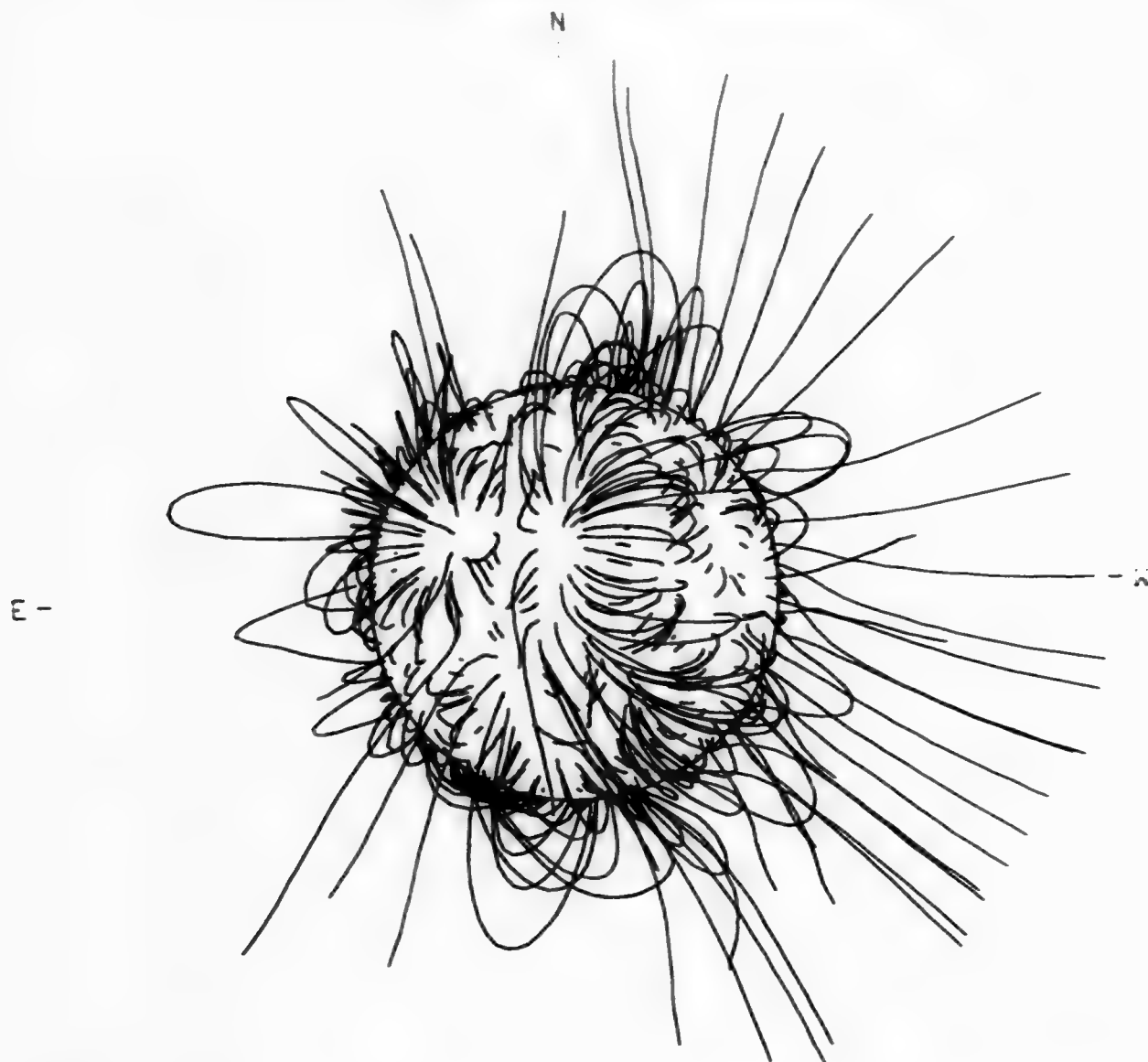
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

ROT. 1538 LONG. 231°
6.9 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



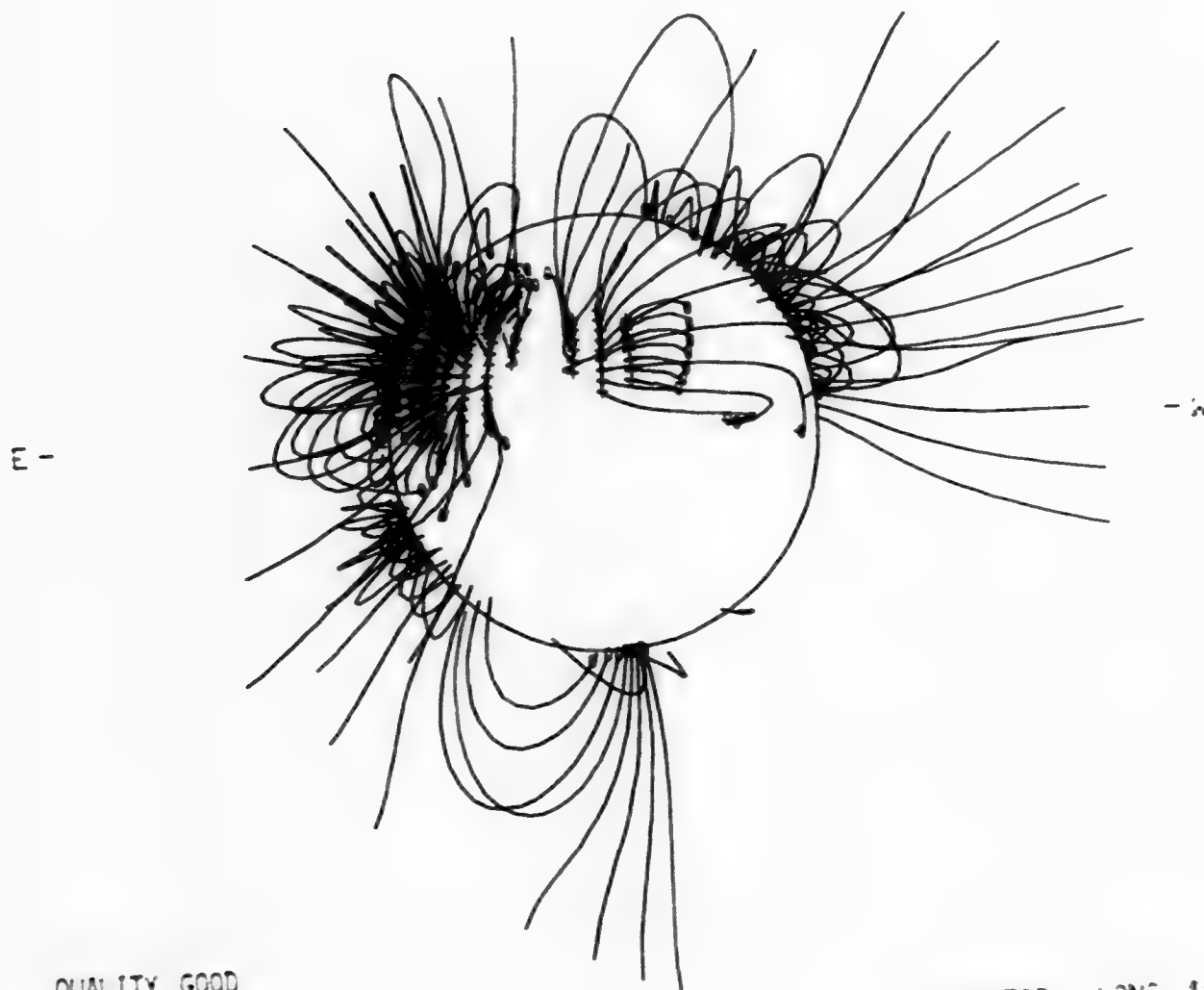
QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

I
S

ROT. 1508 LONG. 190°
7.7 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

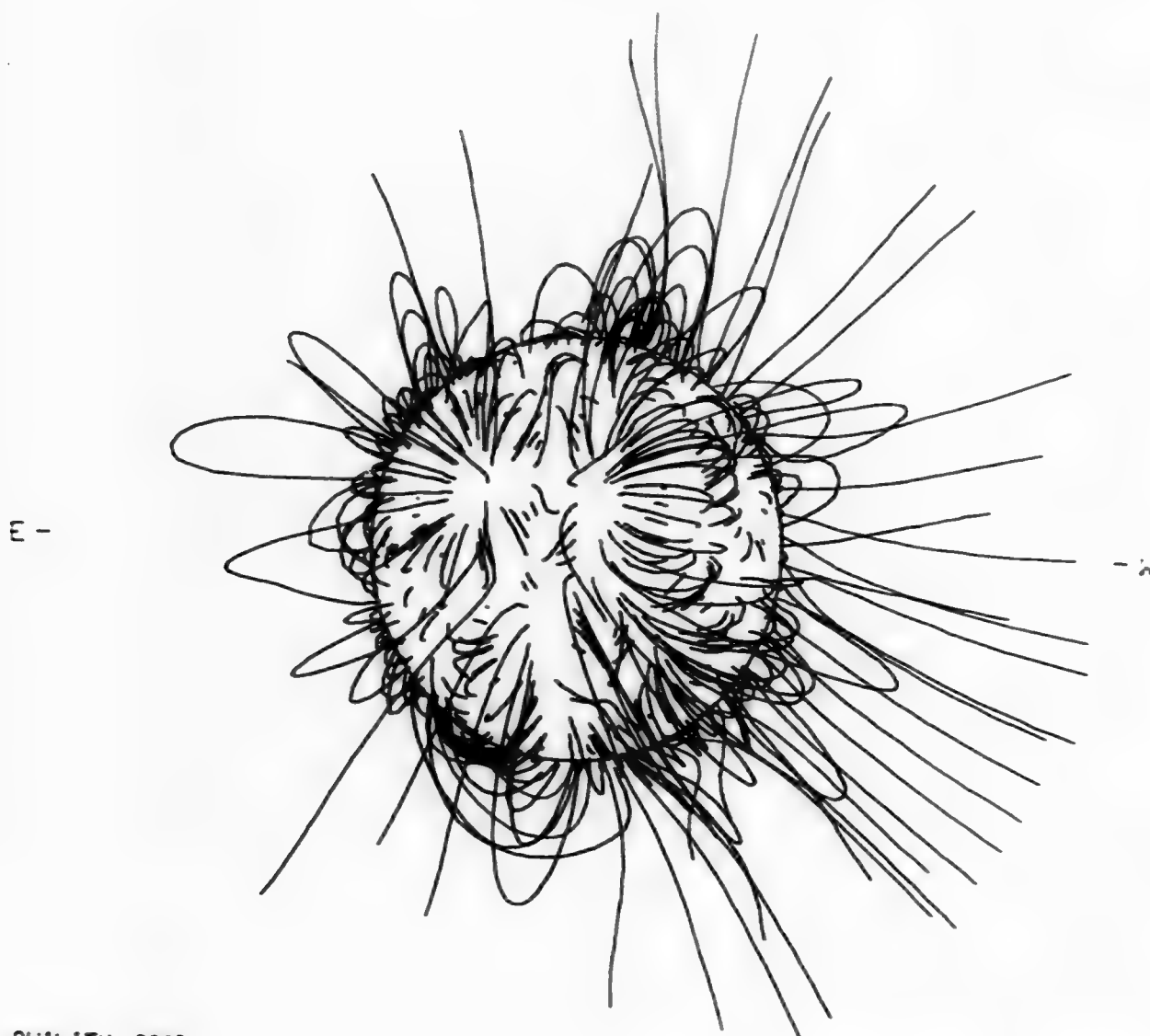


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

ROT. 1538 LONG. 190°
7.7 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

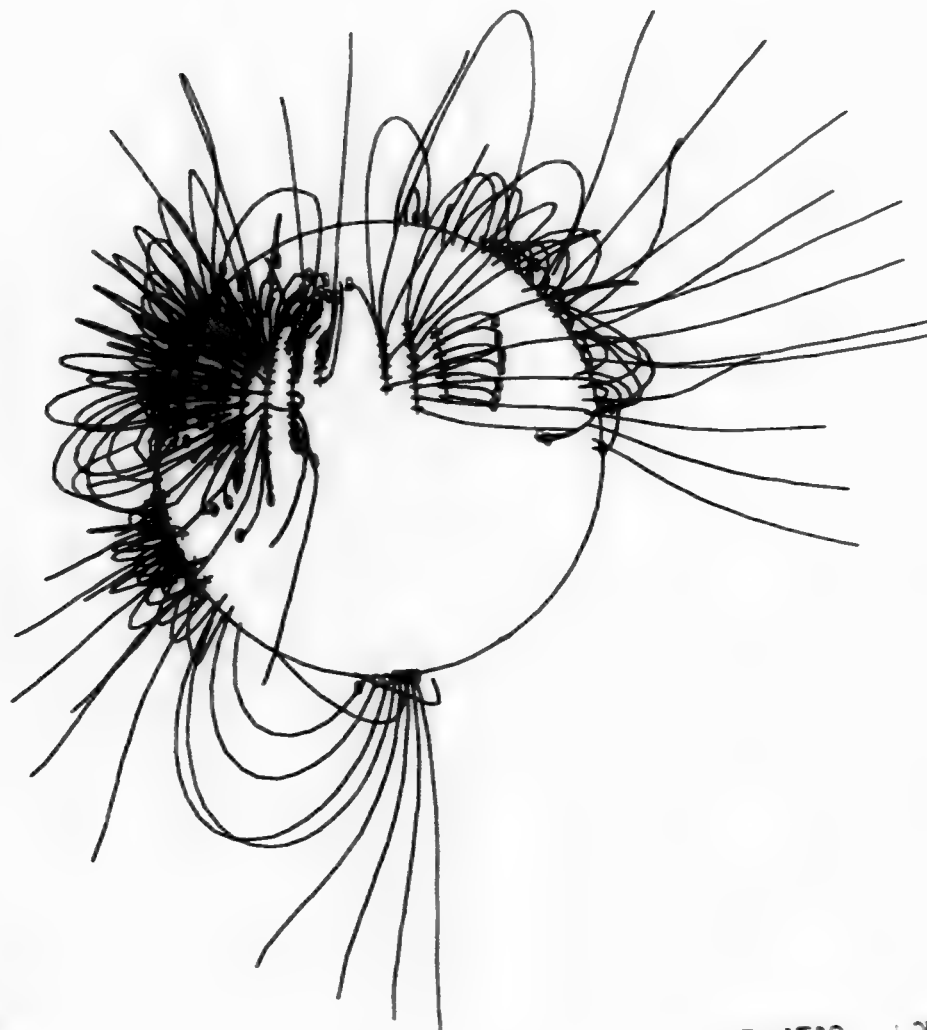
S

ROT. 1508 LONG. 180°
8.4 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

E -



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

S

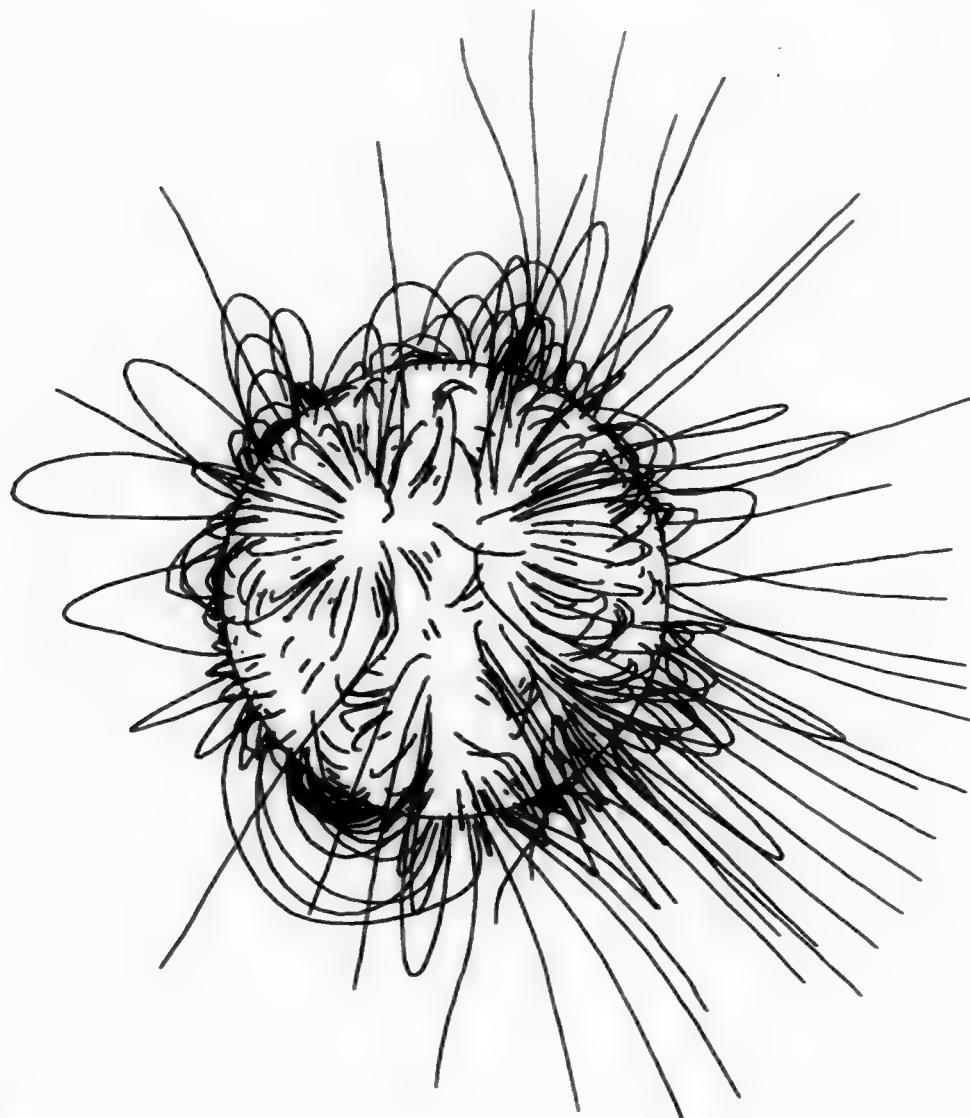
ROT. 1538 LONG. 180°
8.4 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

E -

- W



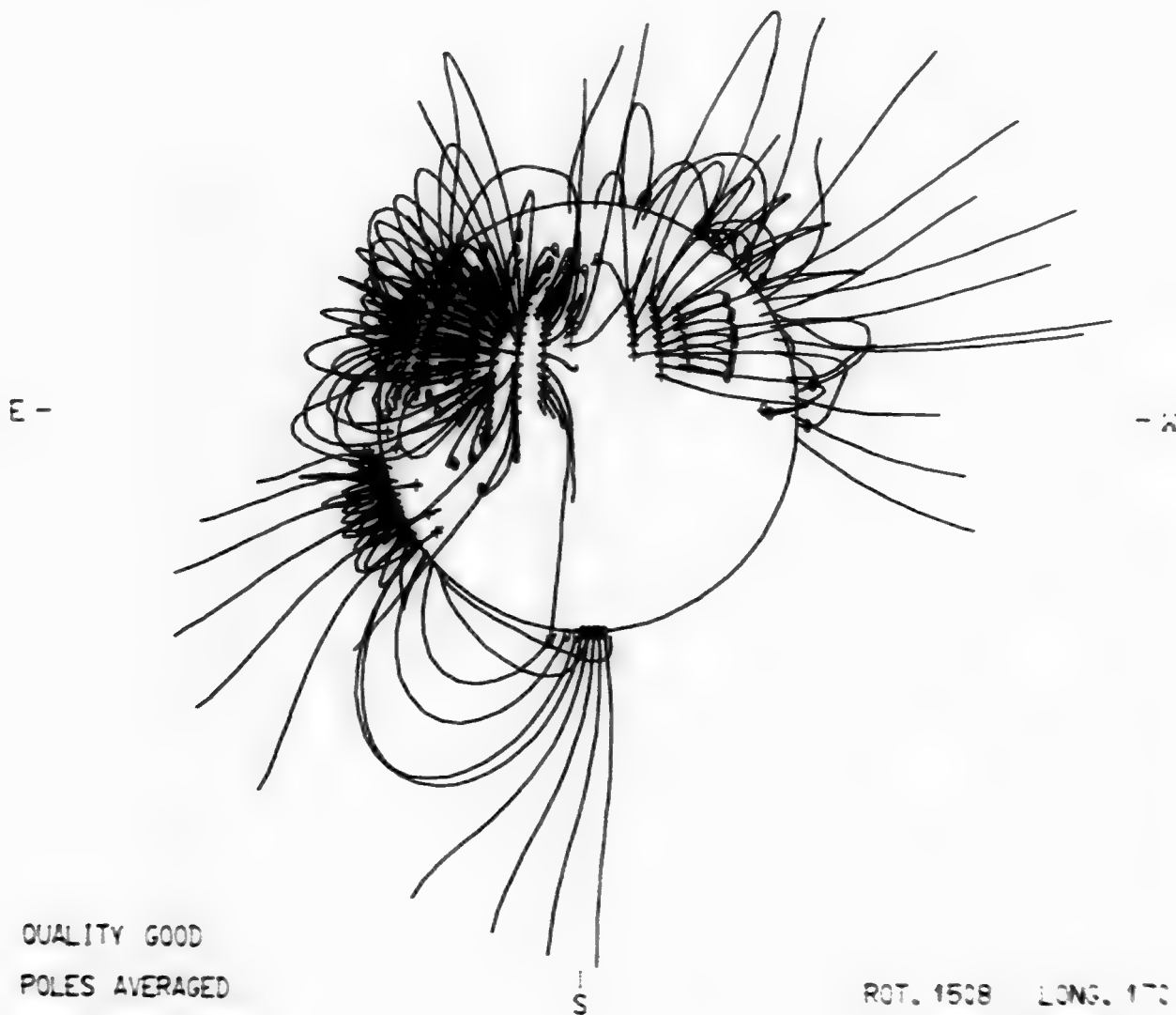
QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

!
S

ROT. 1508 LONG. 173°
9.2 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY GOOD

POLES AVERAGED

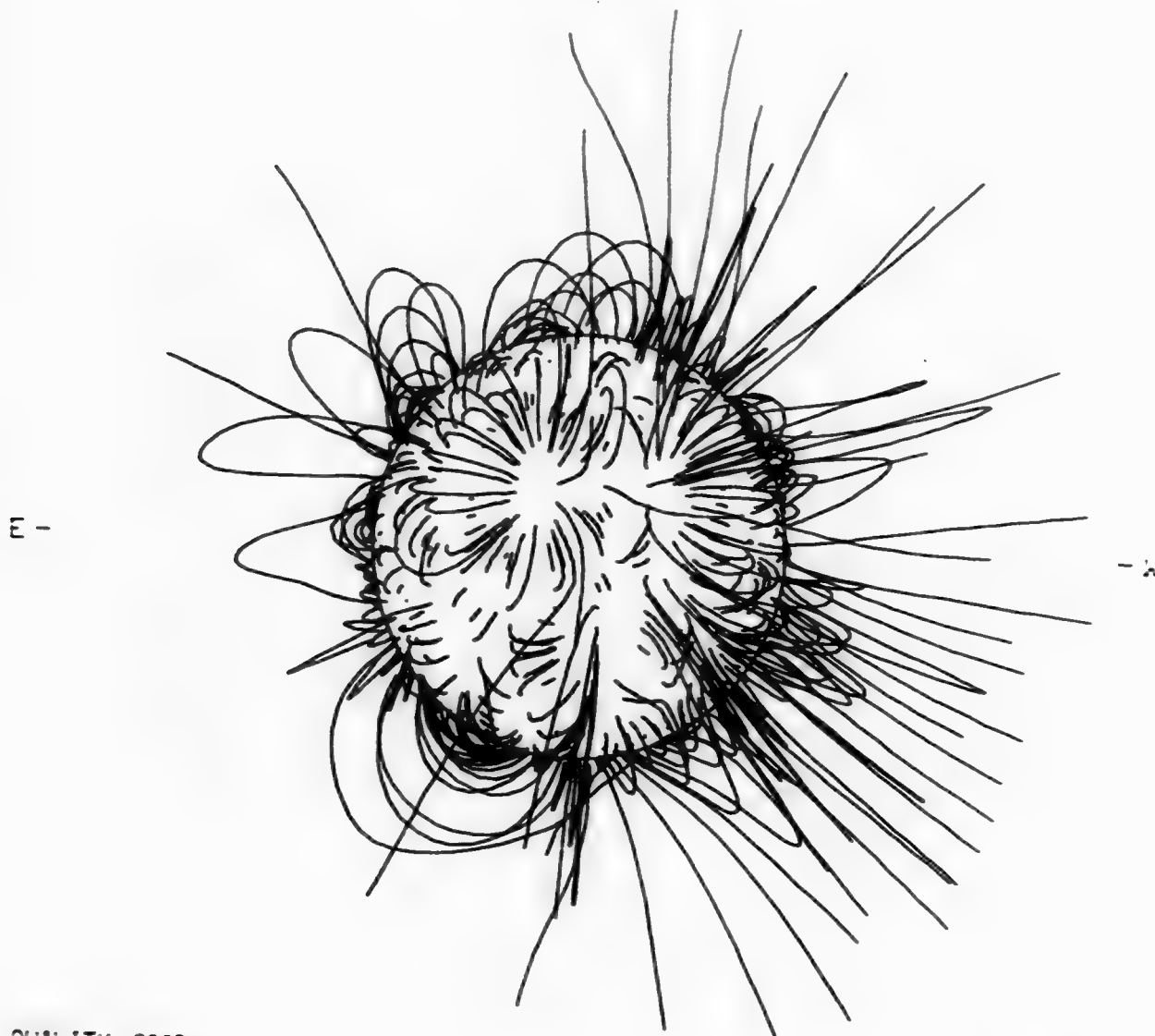
DATA WINDOW 1508.00

ROT. 1508 LONG. 170°

9.2 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

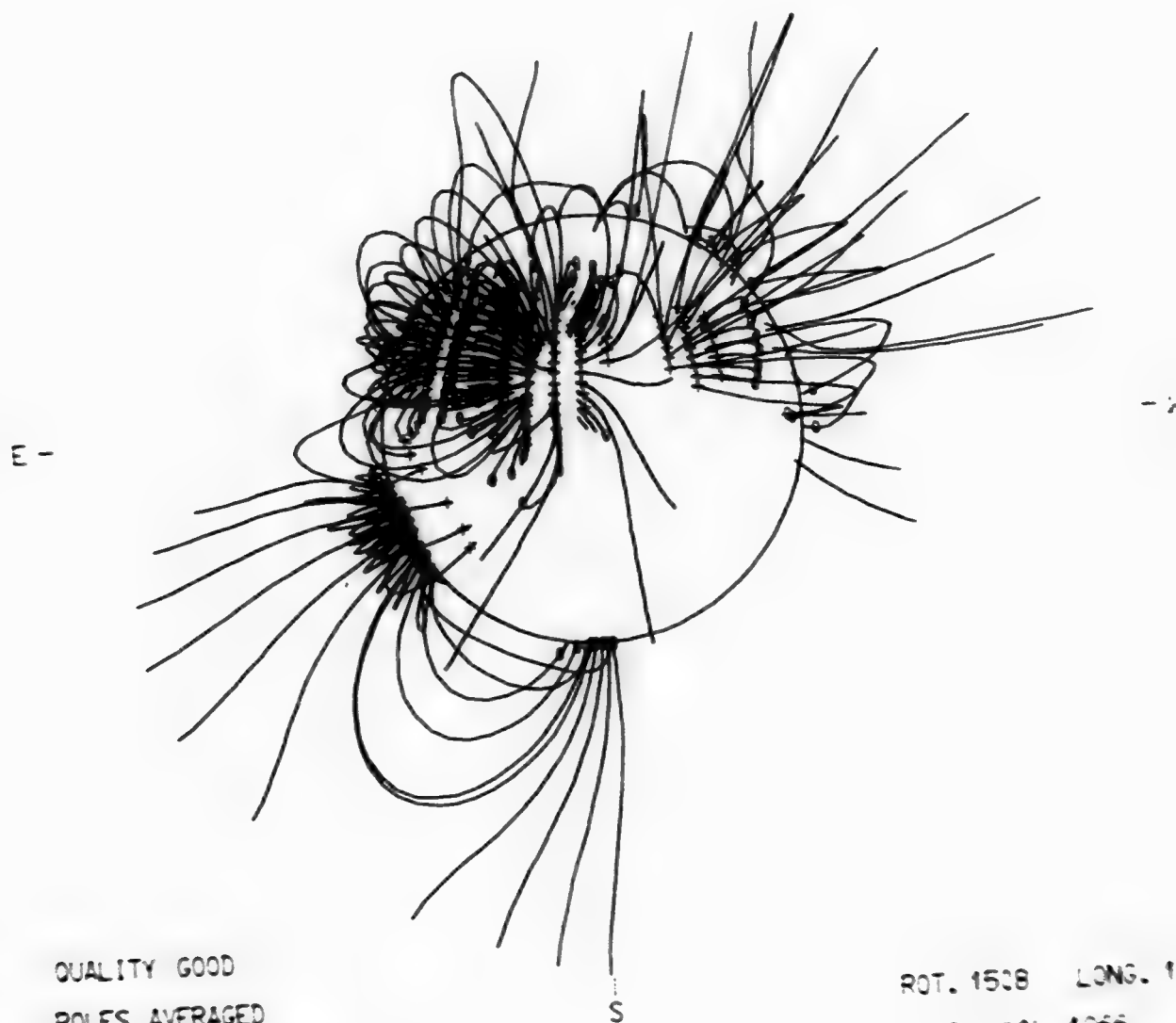


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

S

ROT. 1508 LONG. 150°
9.9 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES
N

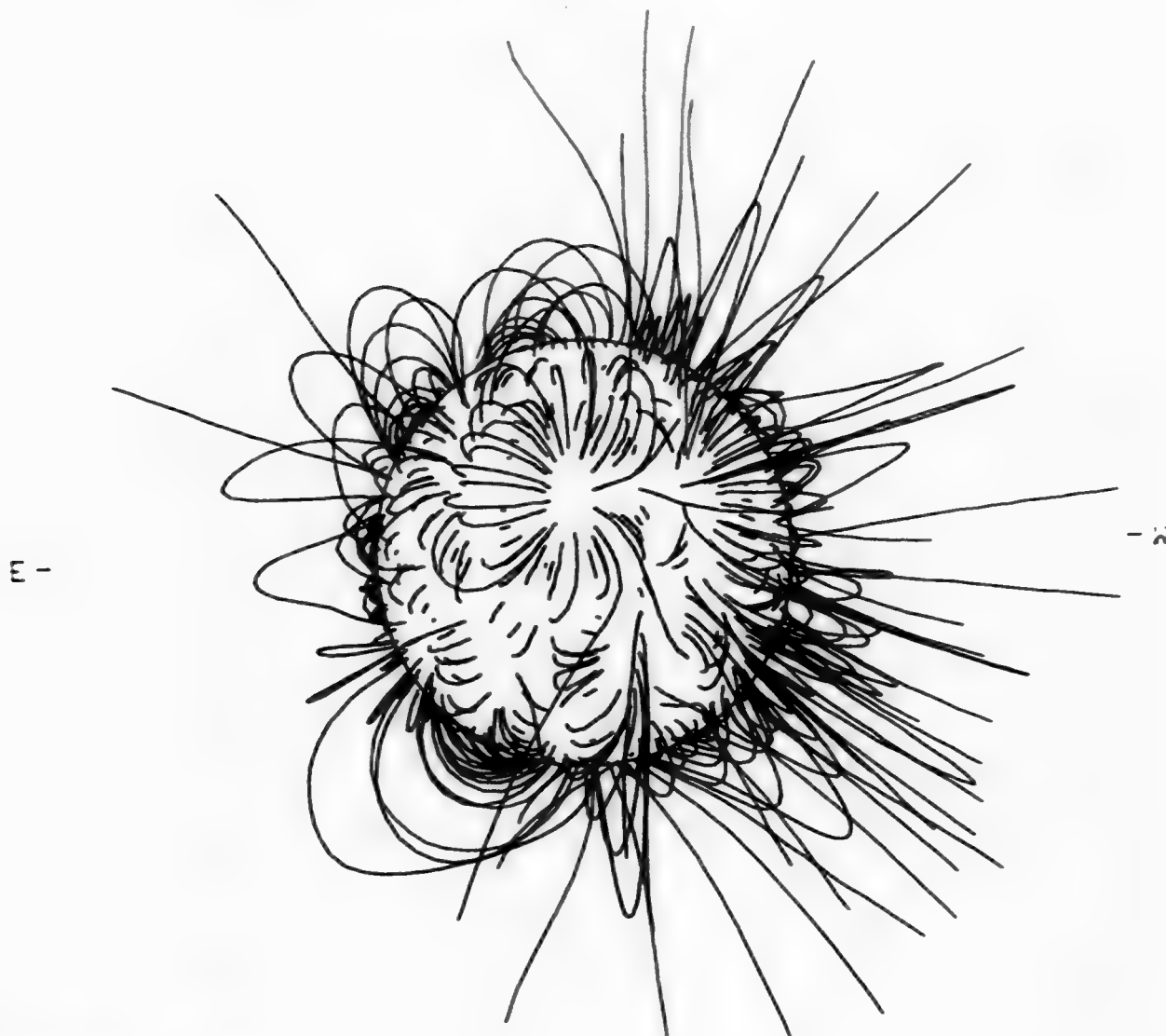


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

ROT. 1508 LONG. 160°
9.9 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



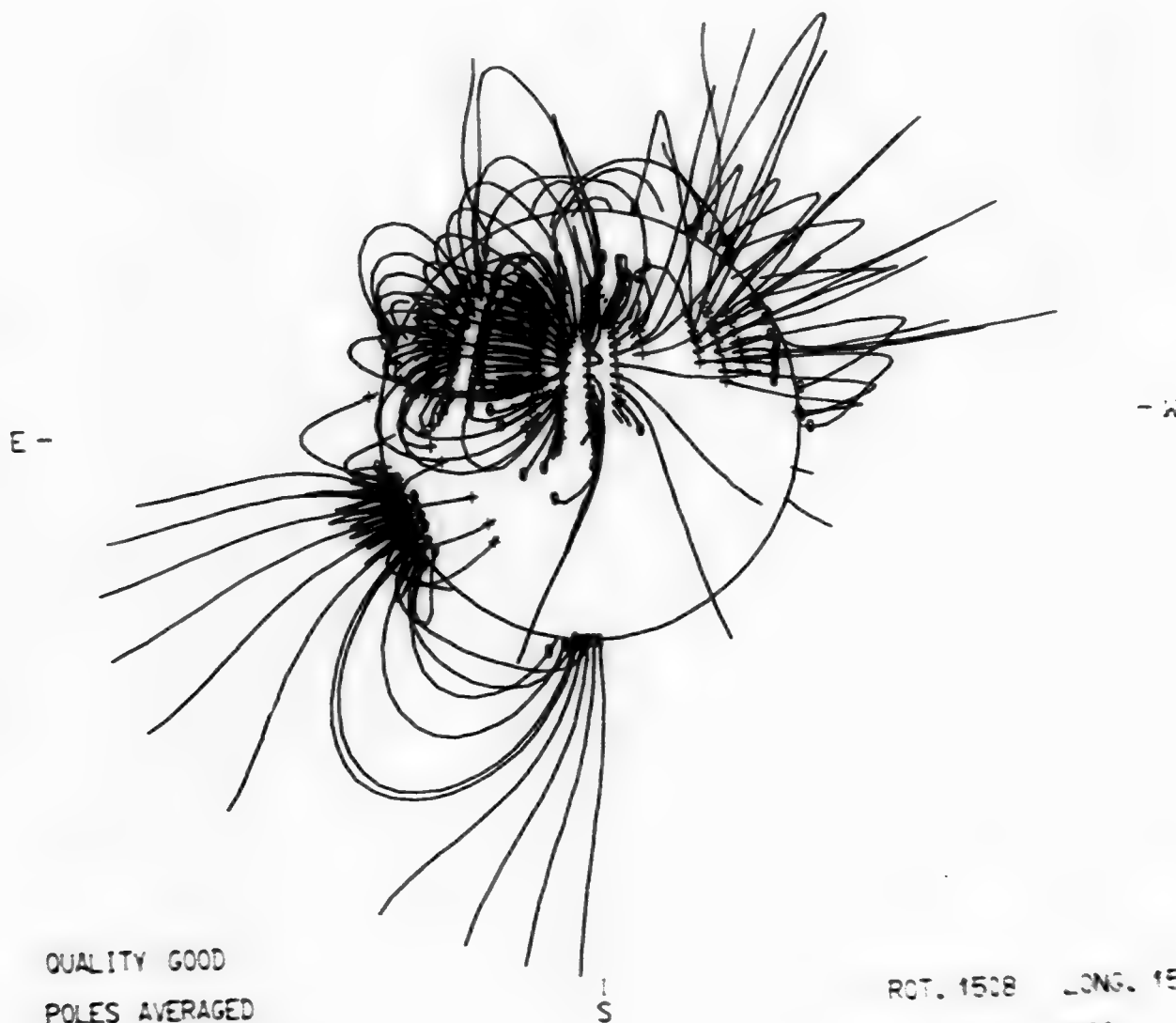
QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

1
S

ROT. 1538 LONG. 152°
10.7 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

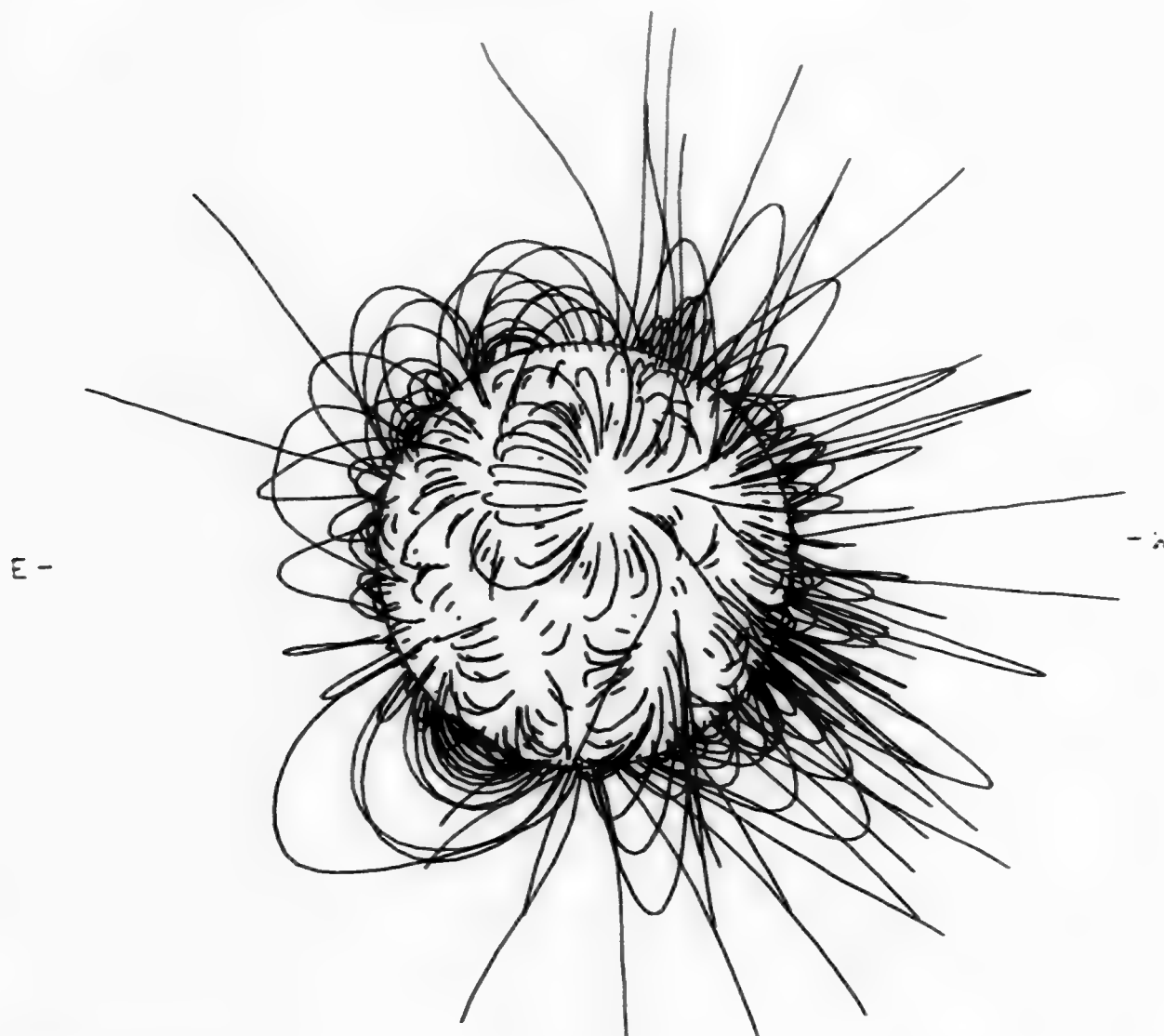


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

ROT. 1508 LONG. 150°
10.7 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

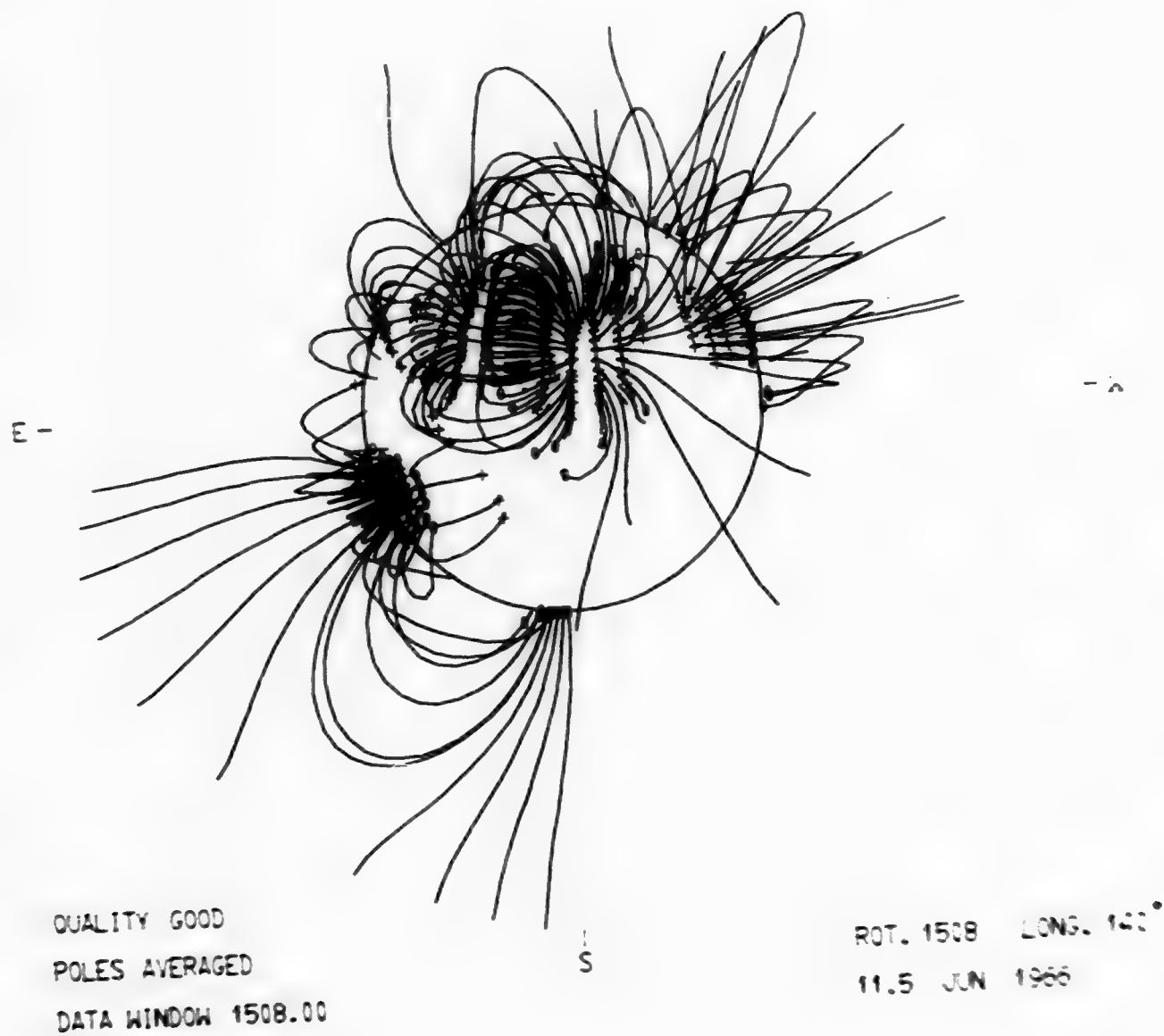


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

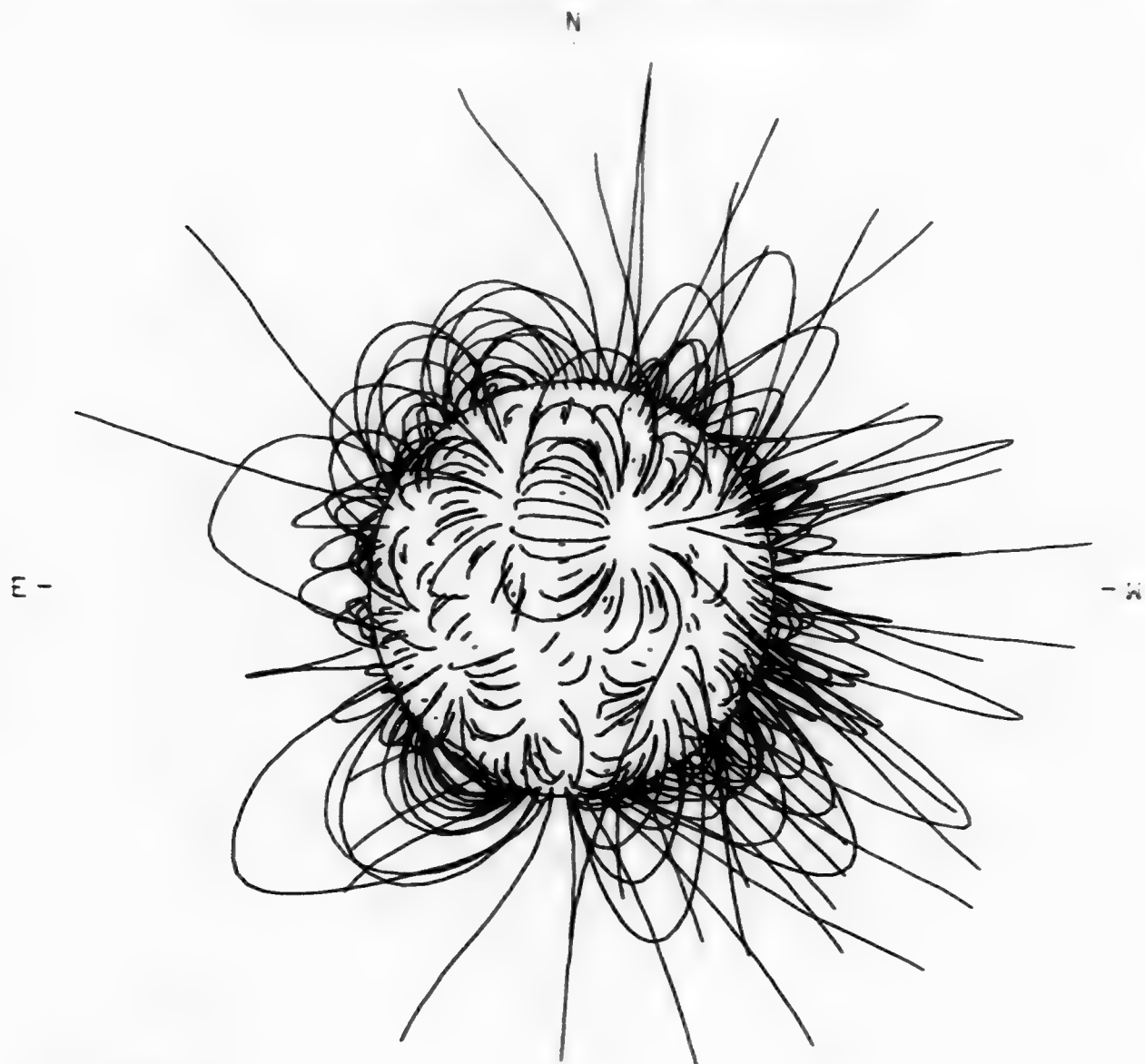
I
S

ROT. 1508 LONG. 120°
11.5 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



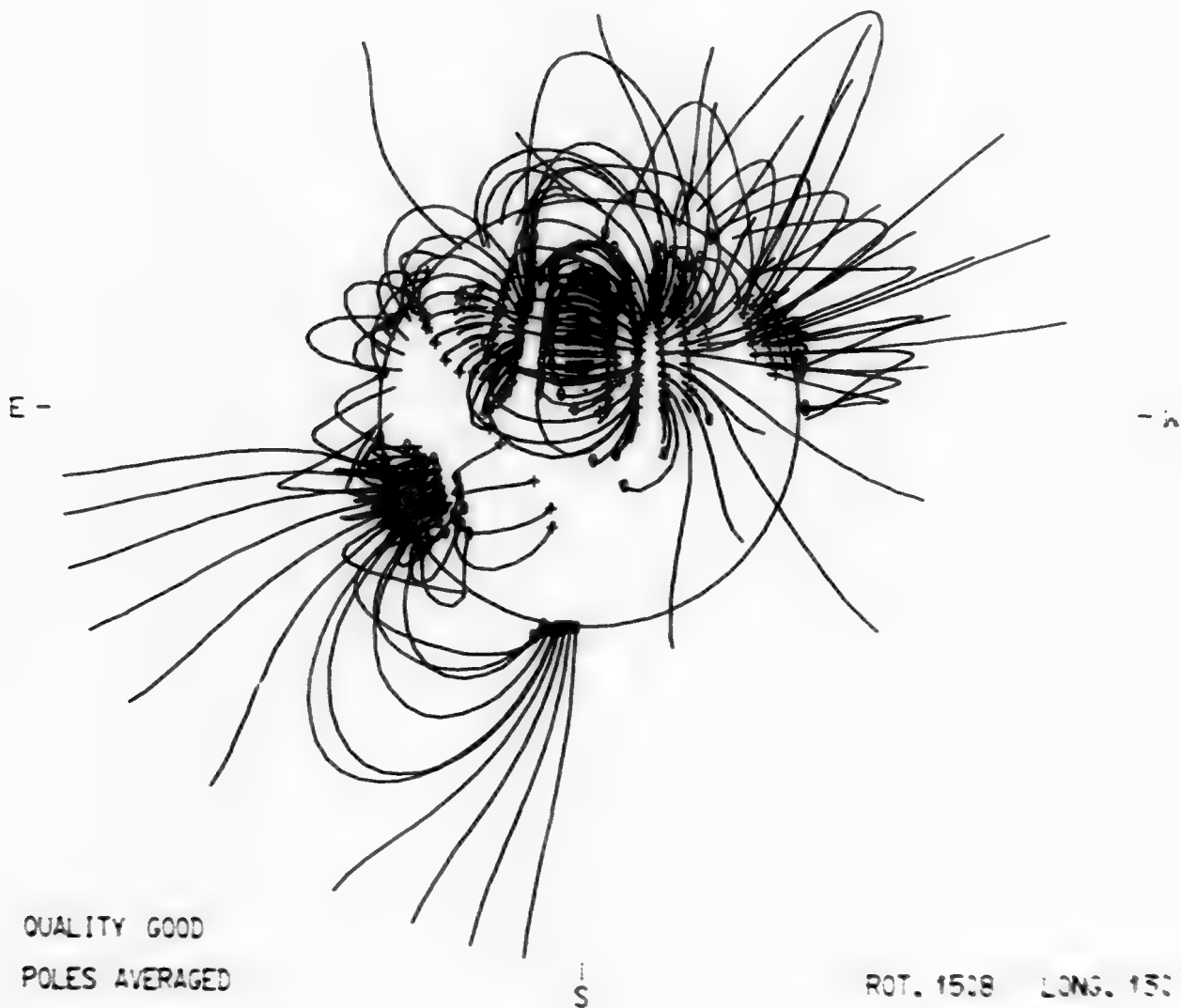
QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

S

ROT. 1538 LONG. 130°
12.2 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY GOOD

POLES AVERAGED

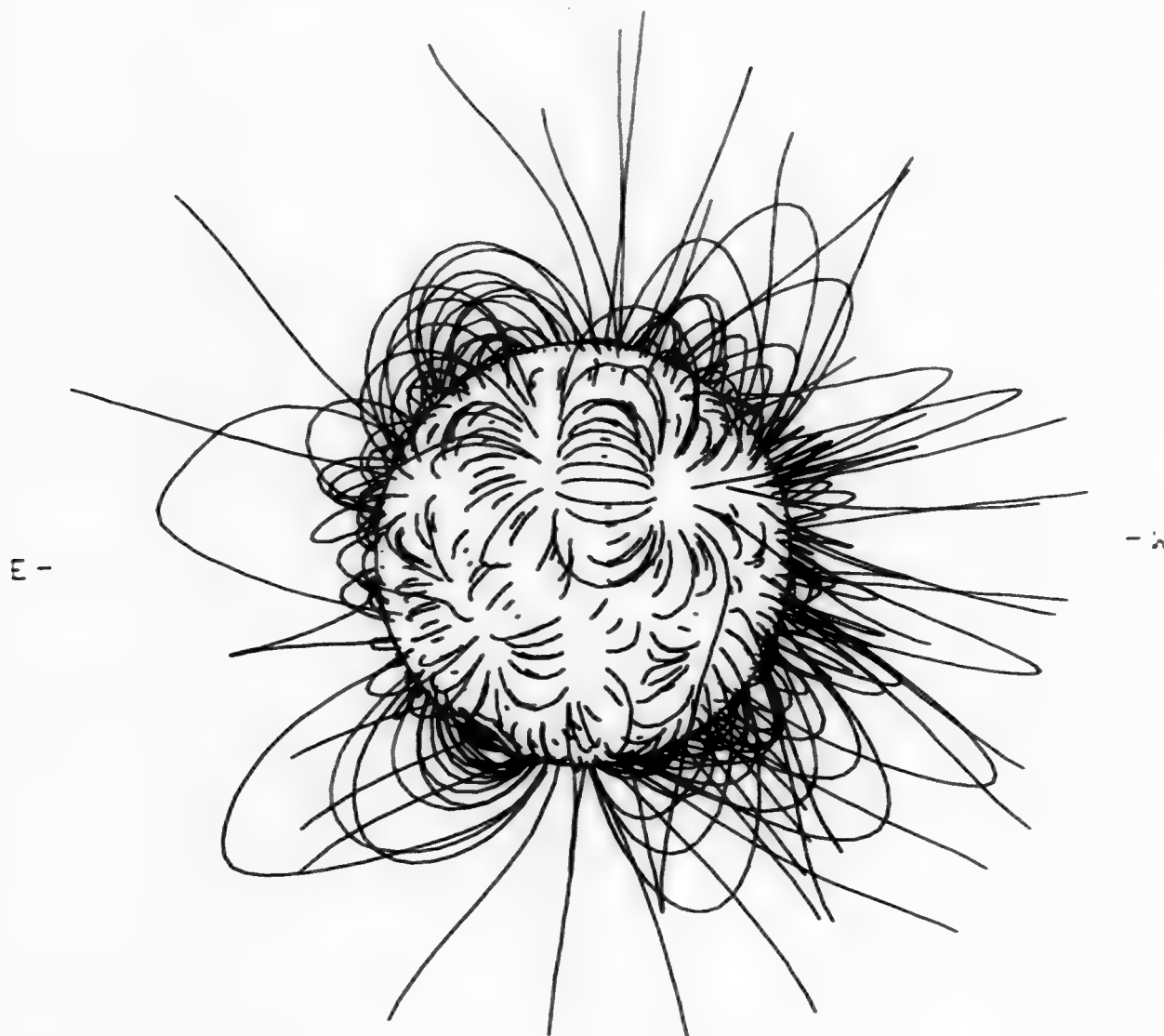
DATA WINDOW 1508.00

ROT. 1508 LONG. 150°

12.2 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



E -

- W

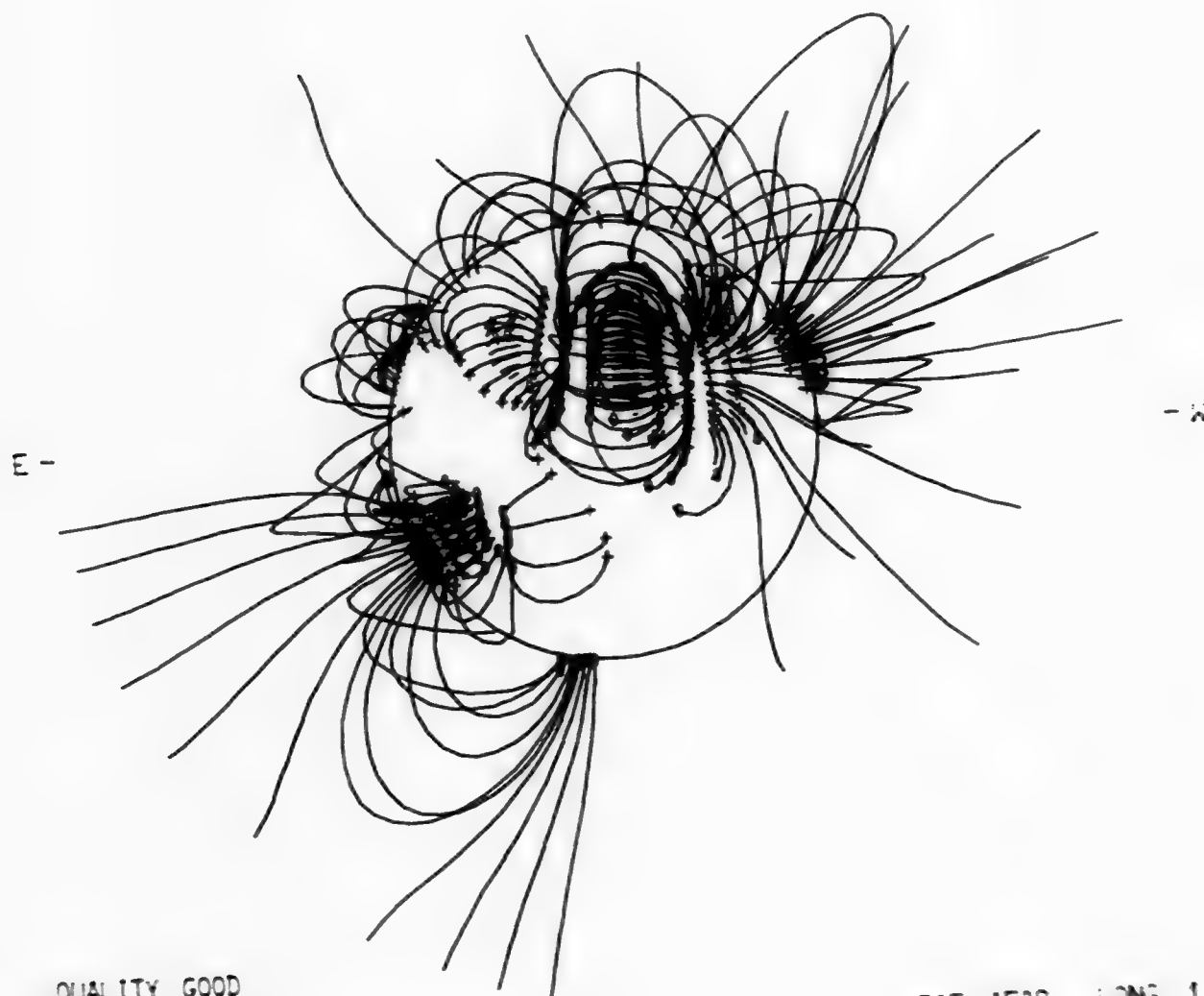
QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

I
S

ROT. 1508 LONG. 131°
13.0 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

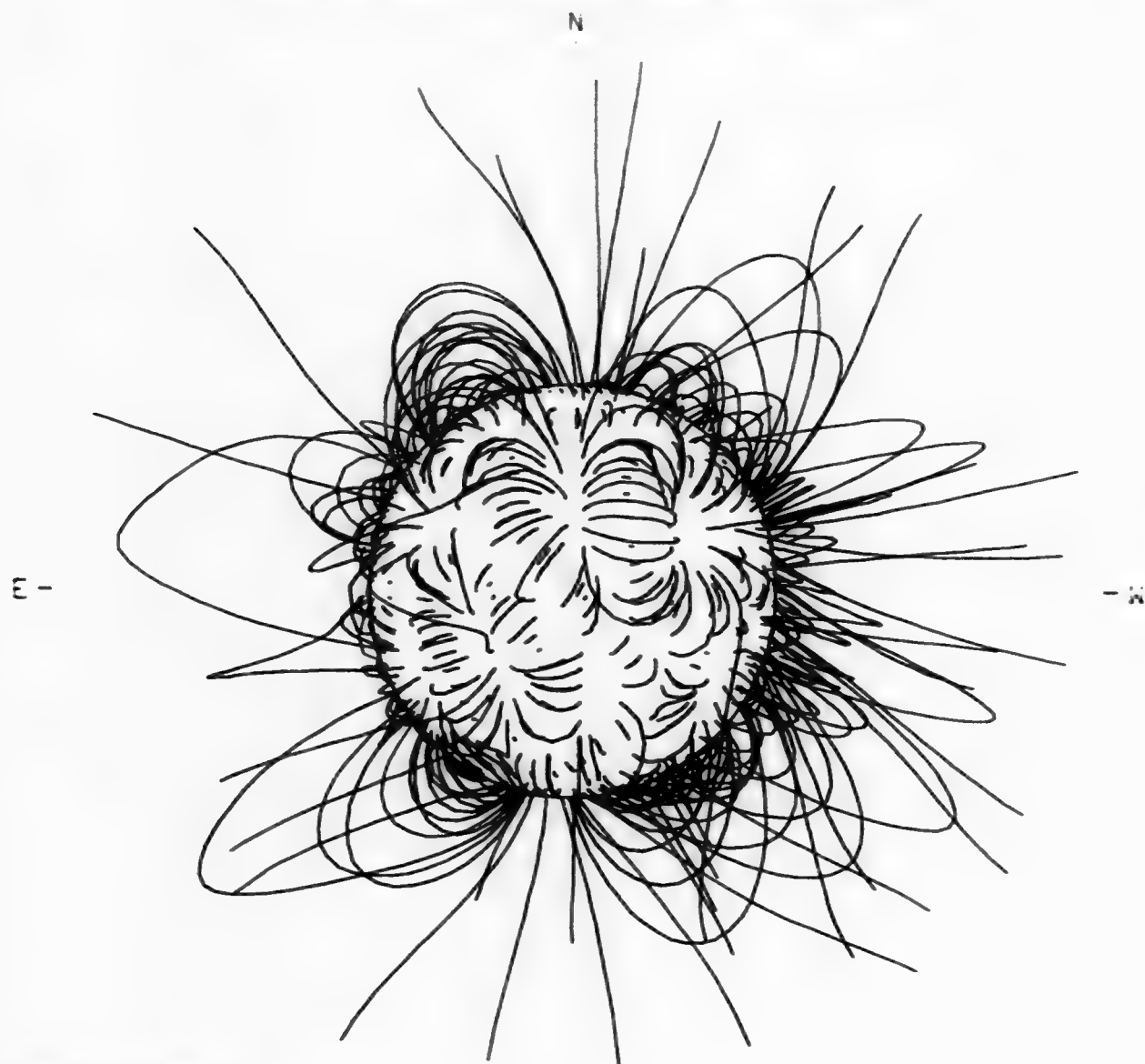


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

S

ROT. 1508 LONG. 120°
13.0 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

ROT. 1508 LONG. 110°
13.7 JUN 1966

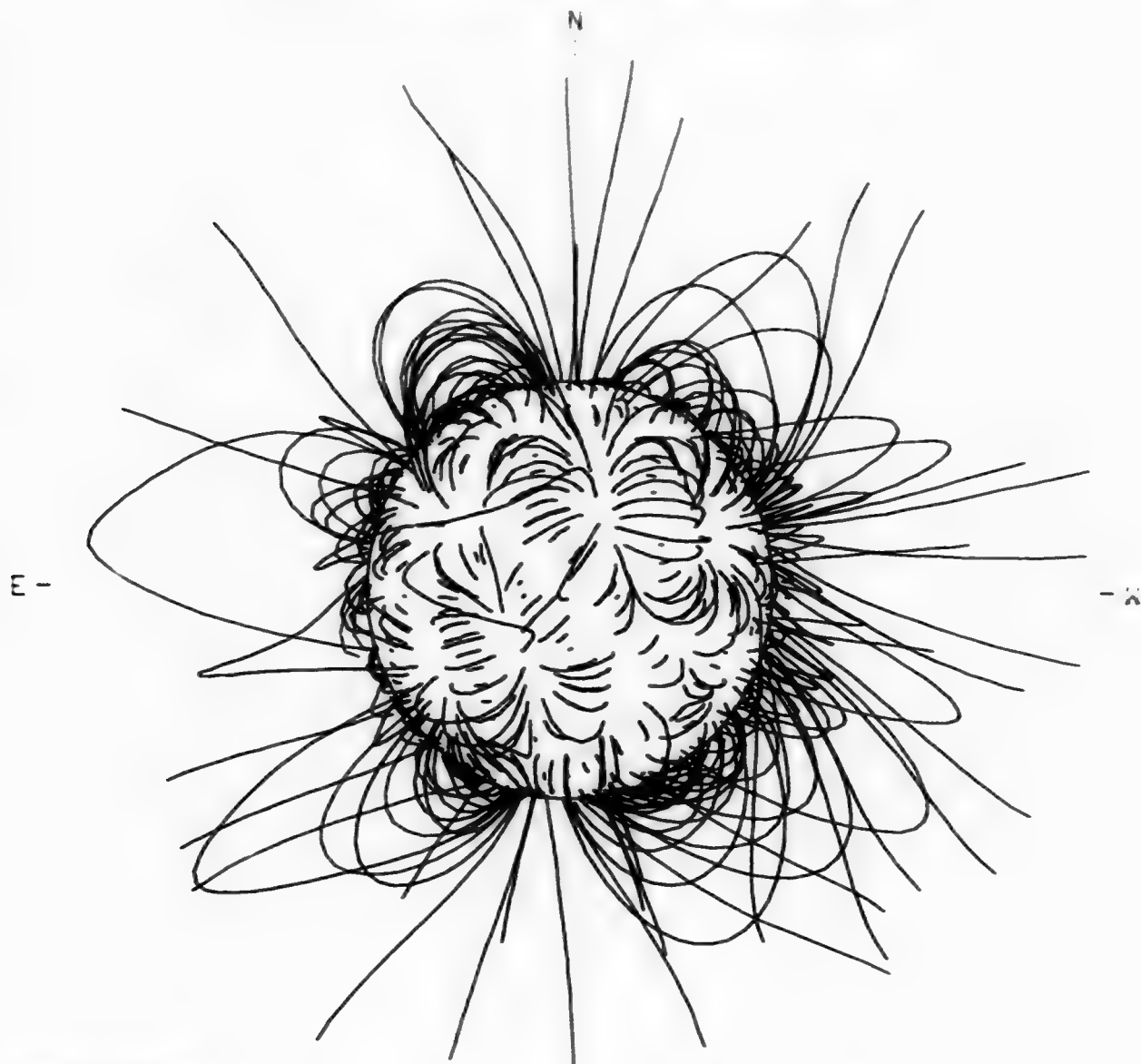
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

ROT. 1508 LONG. 110°
13.7 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

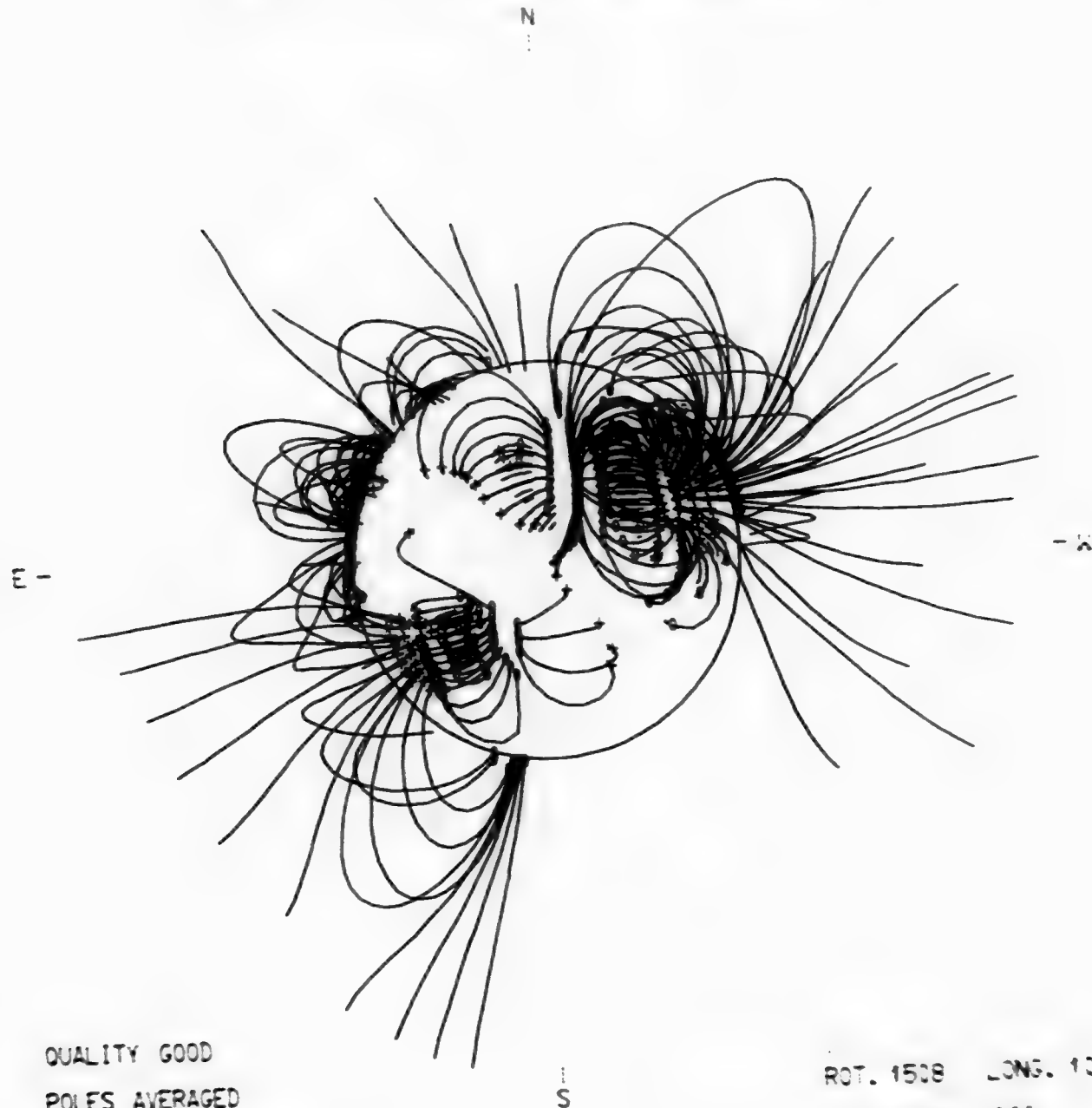


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

1
S

ROT. 1508 LONG. 100°
14.5 JUN 1966

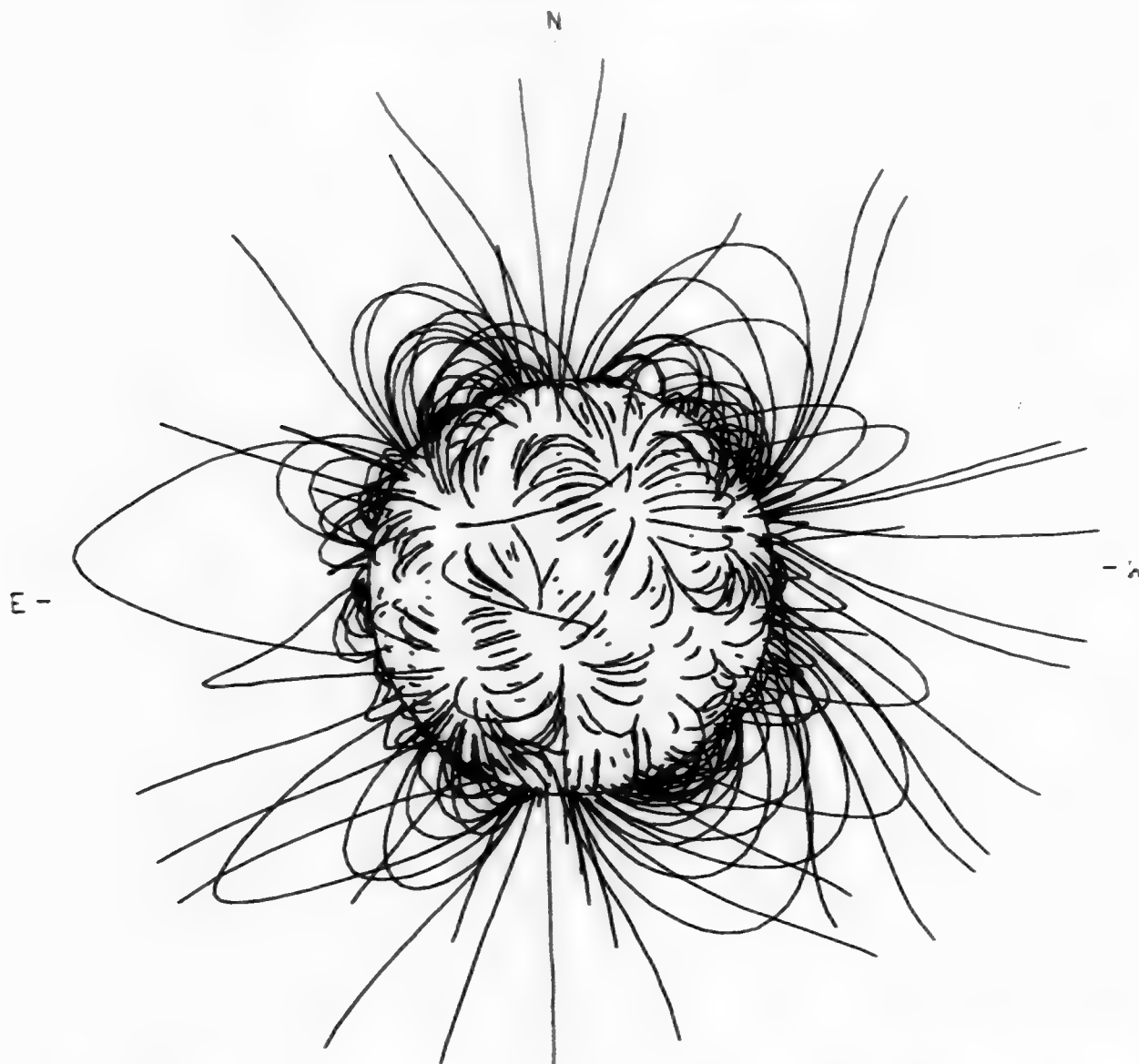
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

ROT. 1508 LONG. 100°
14.5 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

I
S

ROT. 1508 LONG. 91°
15.2 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



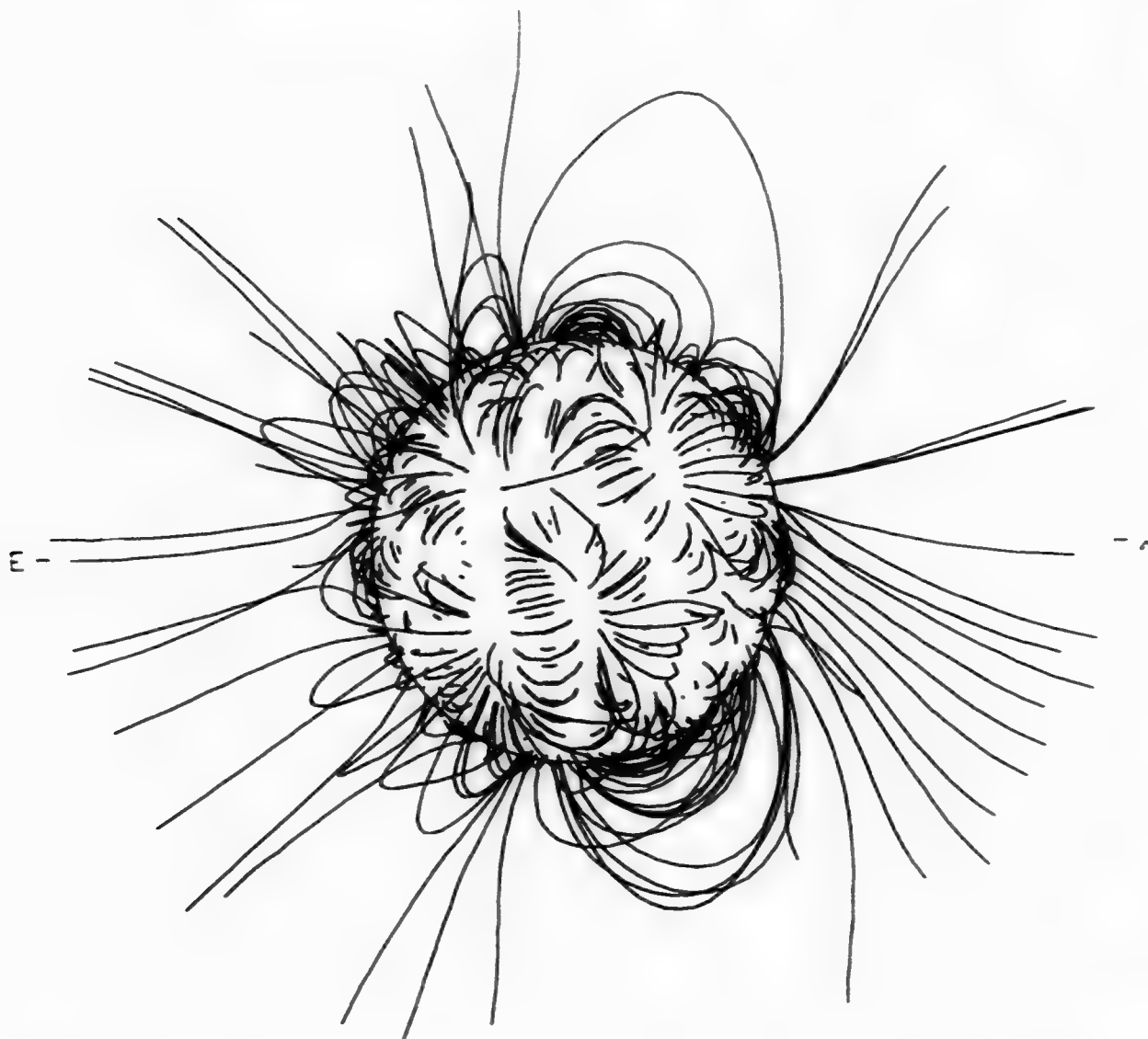
QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.00

S

ROT. 1508 LONG. 90°
15.2 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

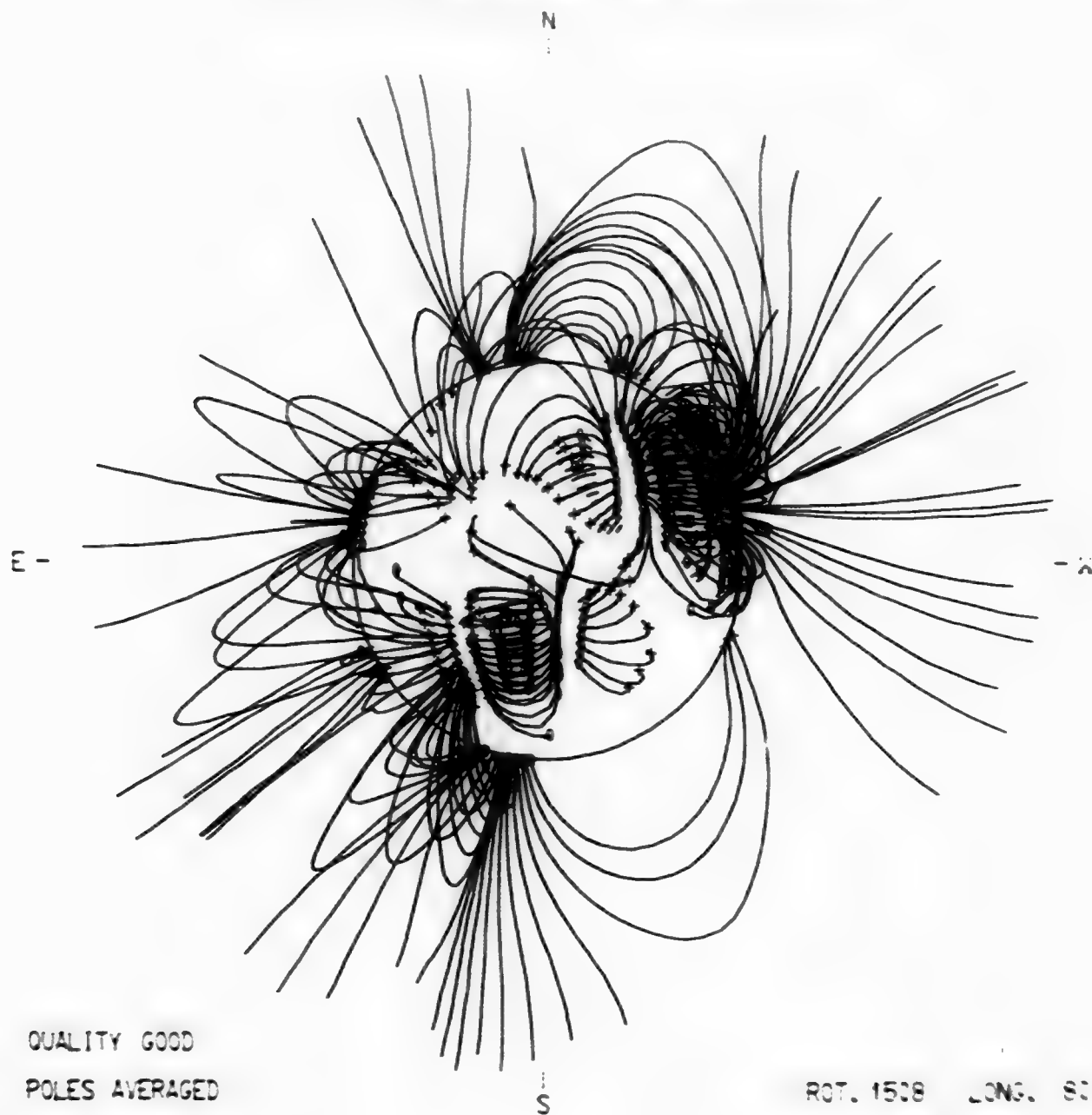


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

S

ROT. 1508 LONG. 80°
16.0 JUN 1966

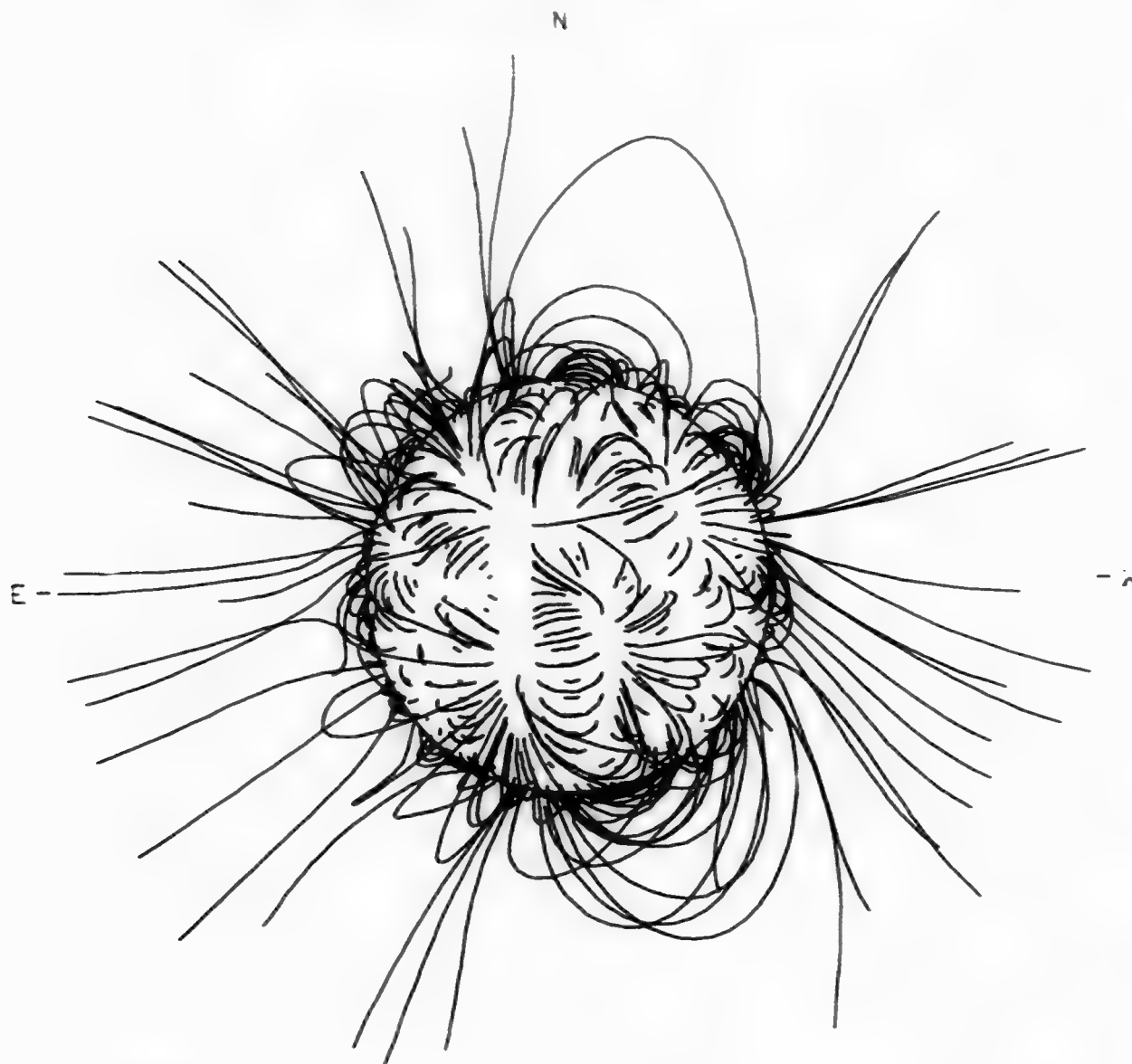
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

ROT. 1508 LONG. 82°
16.0 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



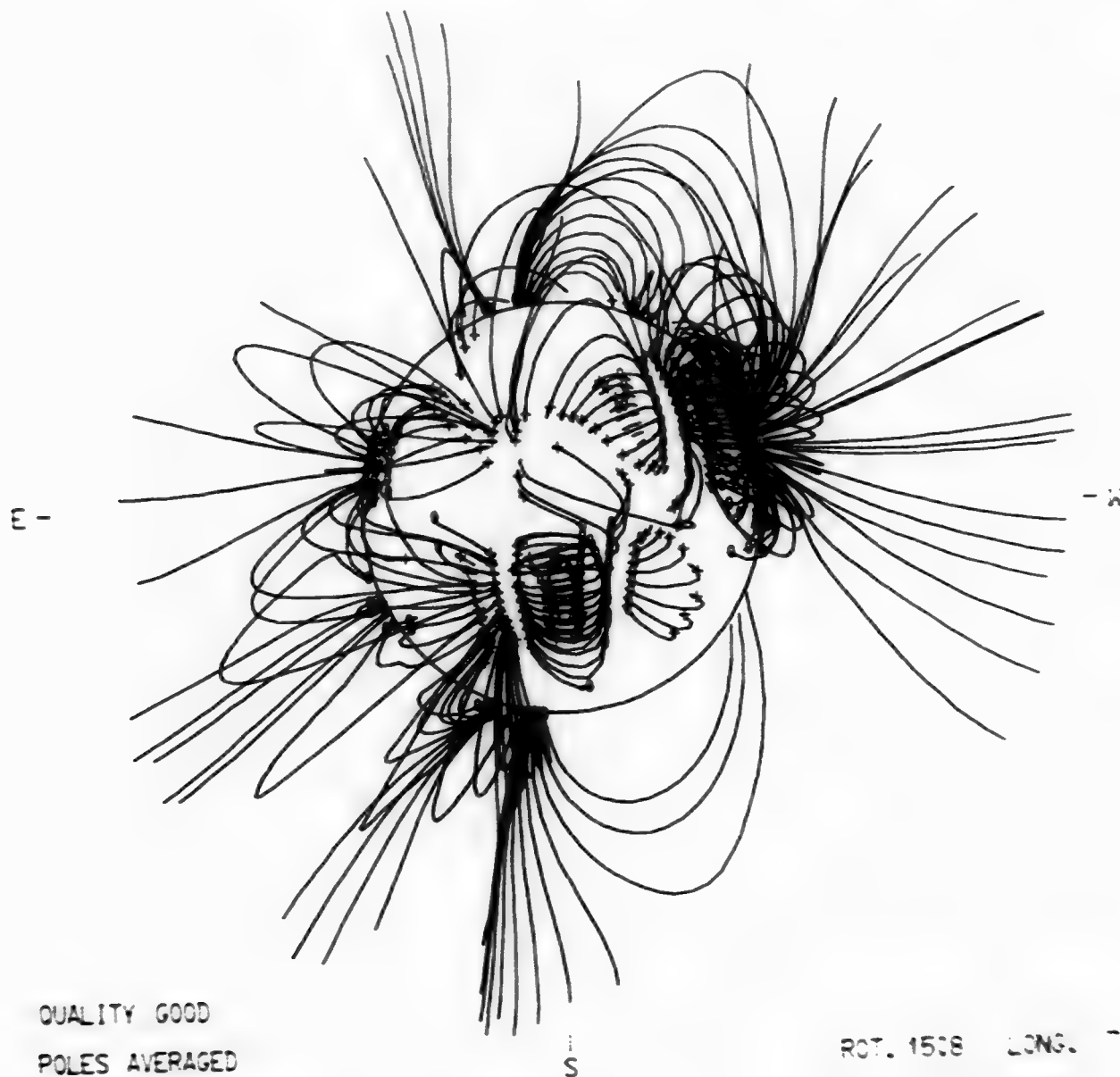
QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

1
S

ROT. 1508 LONG. 72°
16.7 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

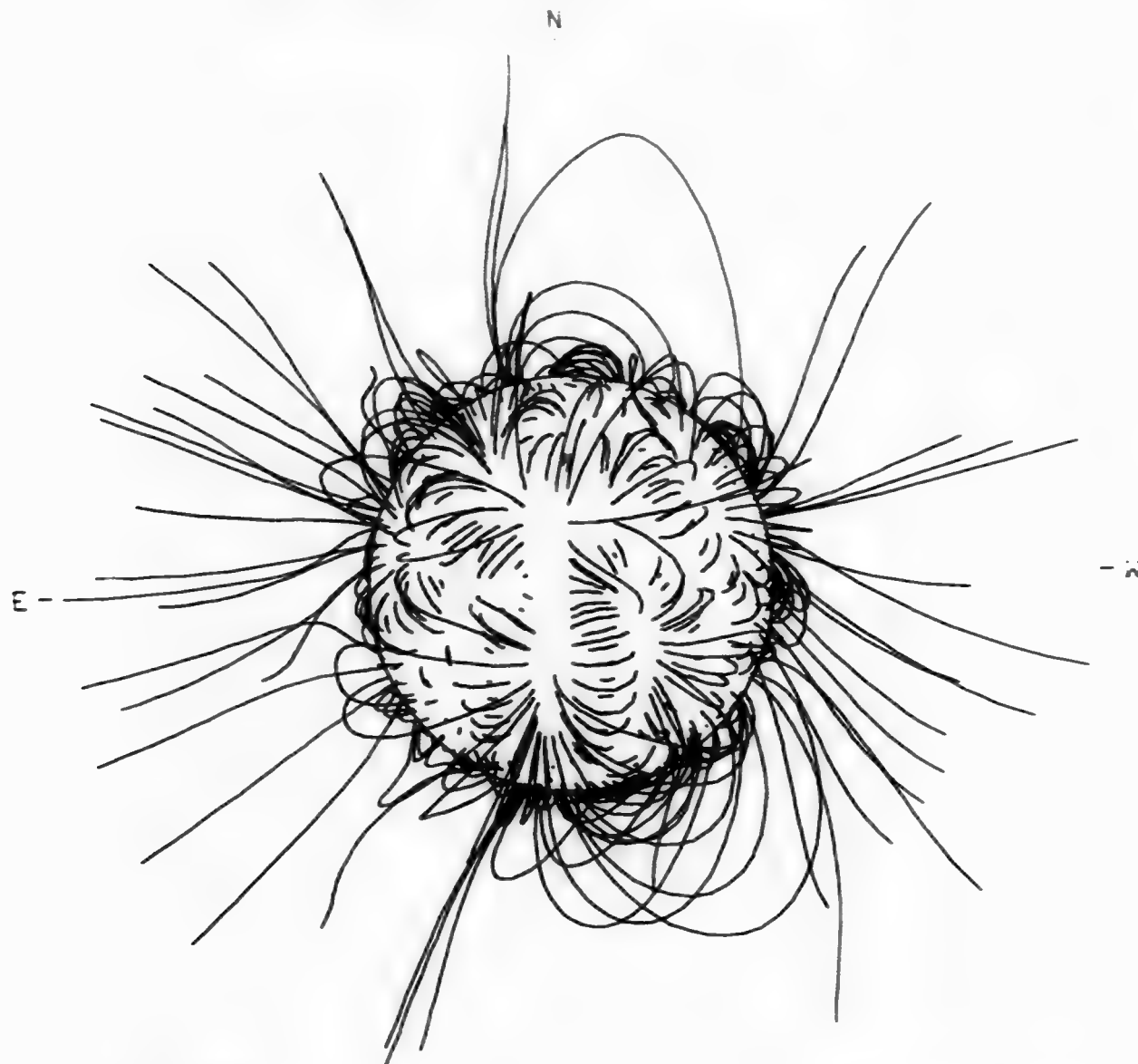
N



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

ROT. 1508 LONG. 73°
16.7 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

I
S

ROT. 1508 LONG. 60°
17.5 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY GOOD

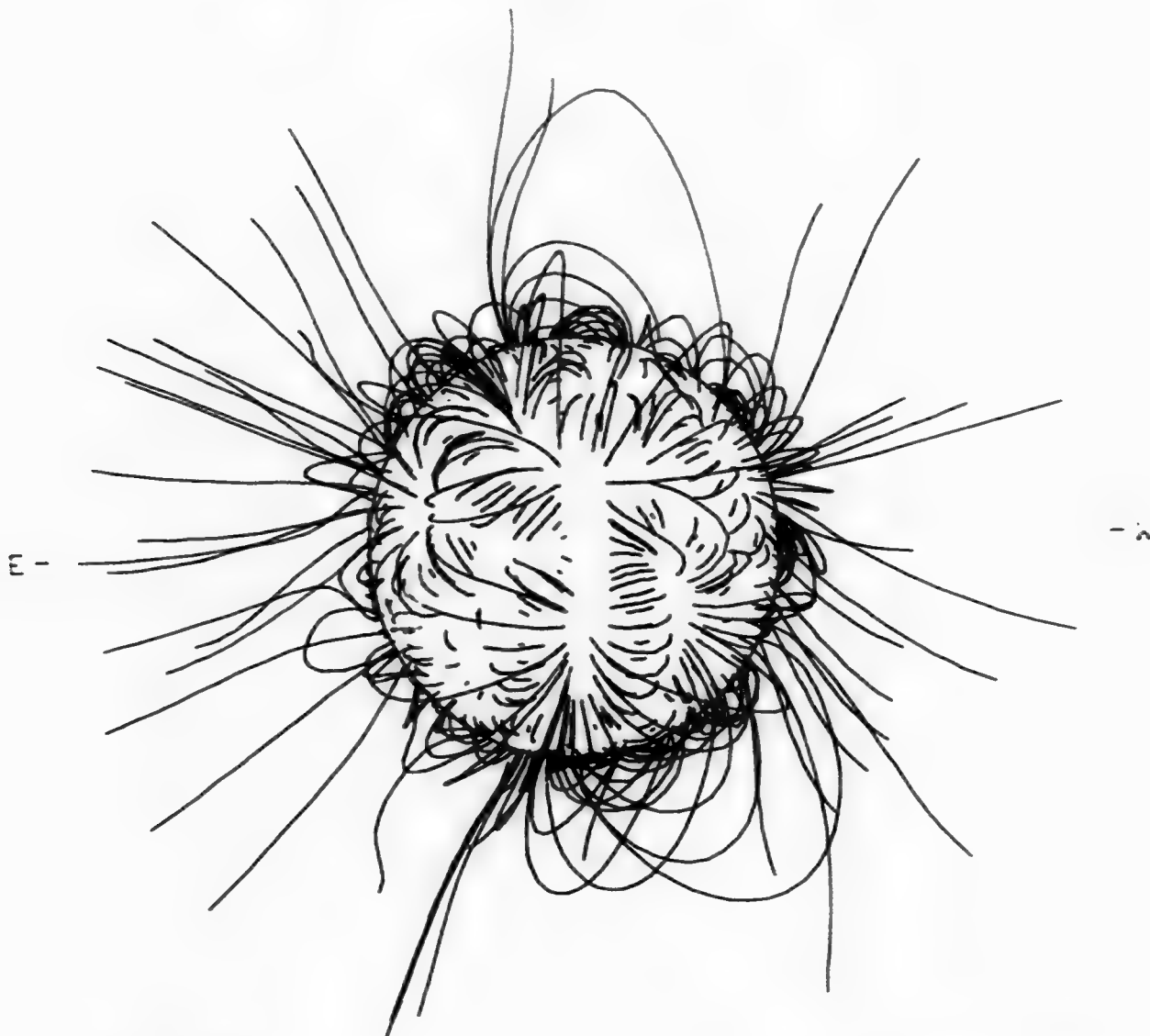
POLES AVERAGED

DATA WINDOW 1508.47

ROT. 1508 LONG. 60°
17.5 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

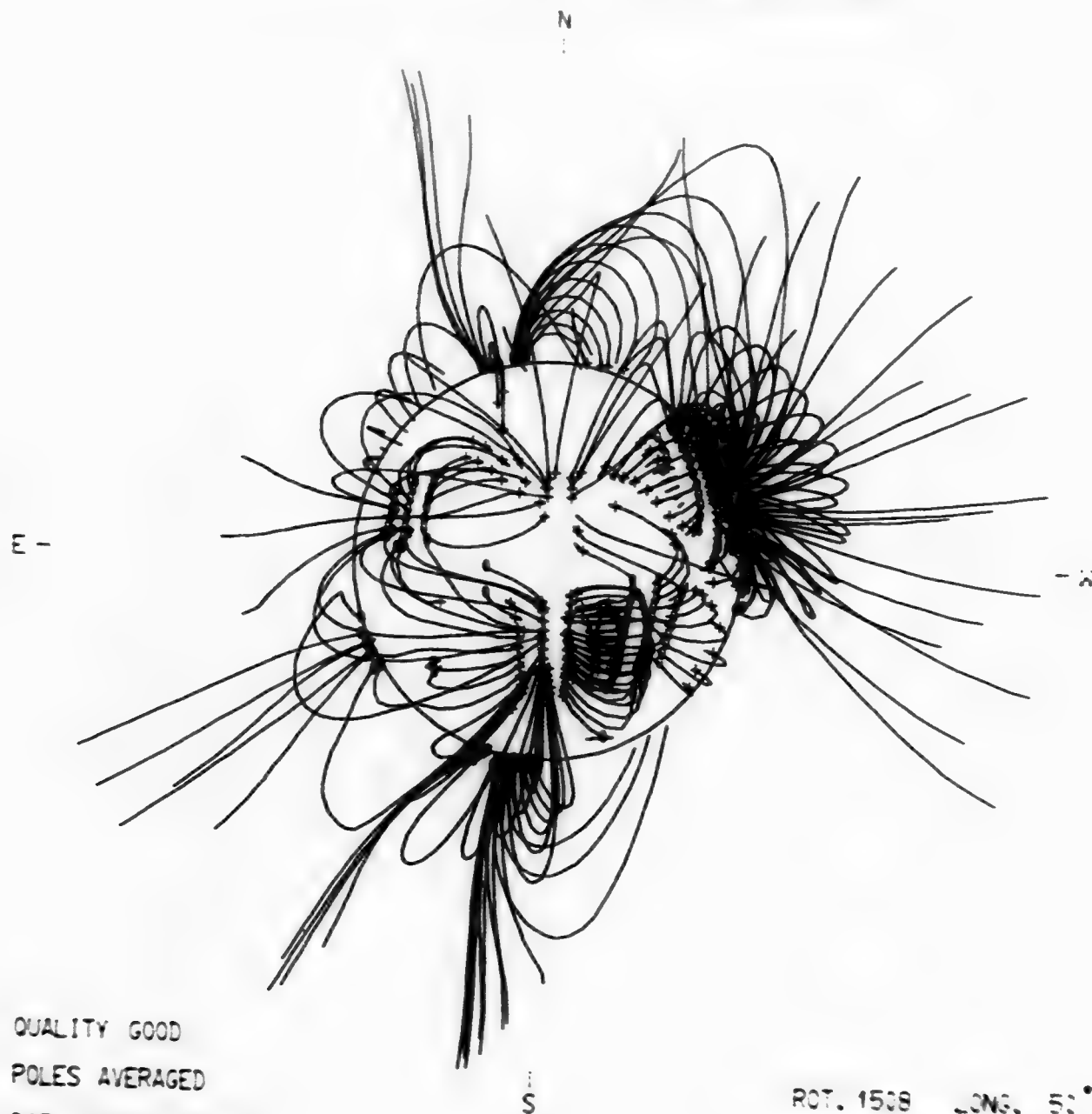


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

I
S

ROT. 1508 LONG. 50°
18.2 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

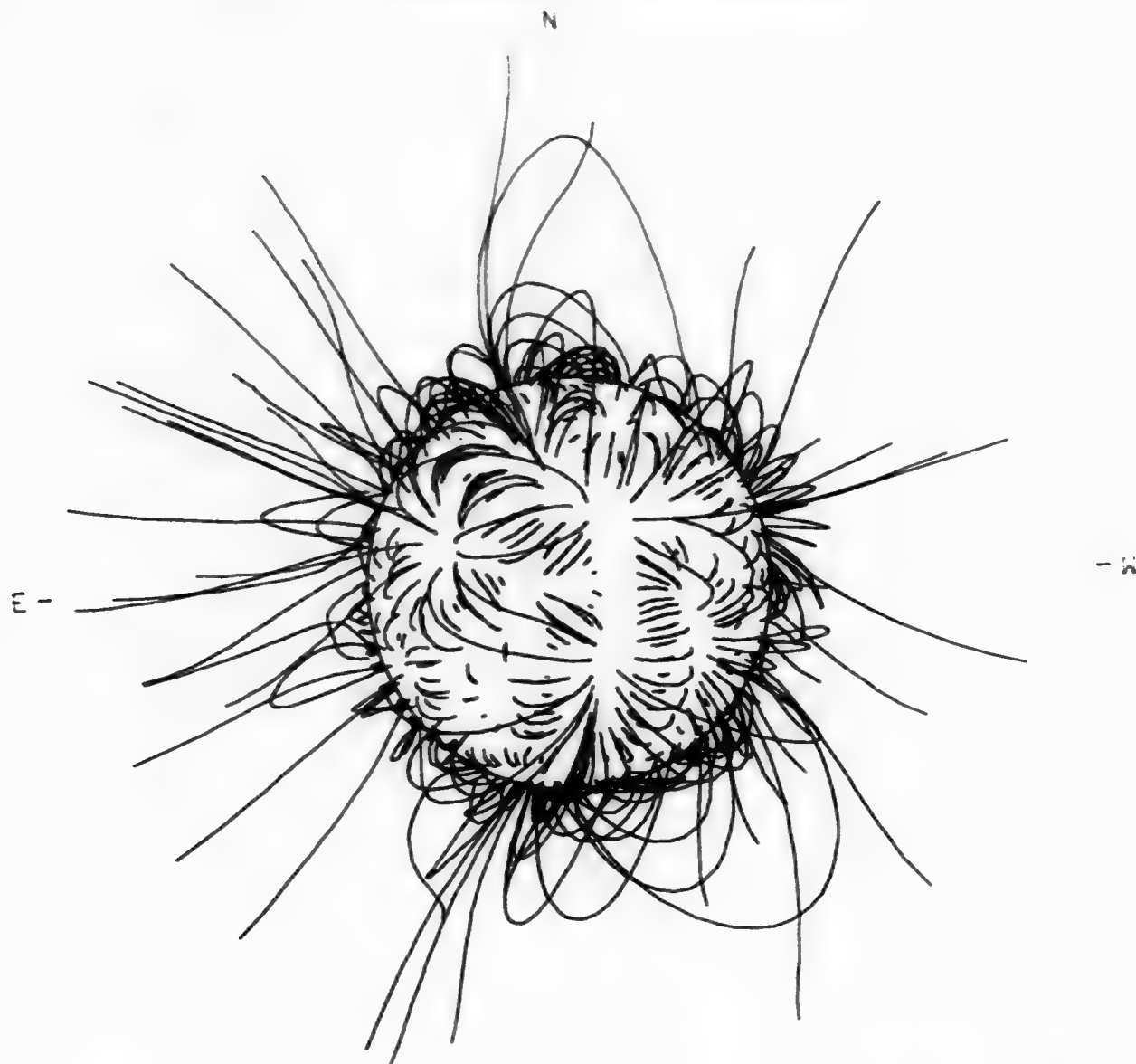
POLES AVERAGED

DATA WINDOW 1508.47

ROT. 1508 LONG. 51°

18.2 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

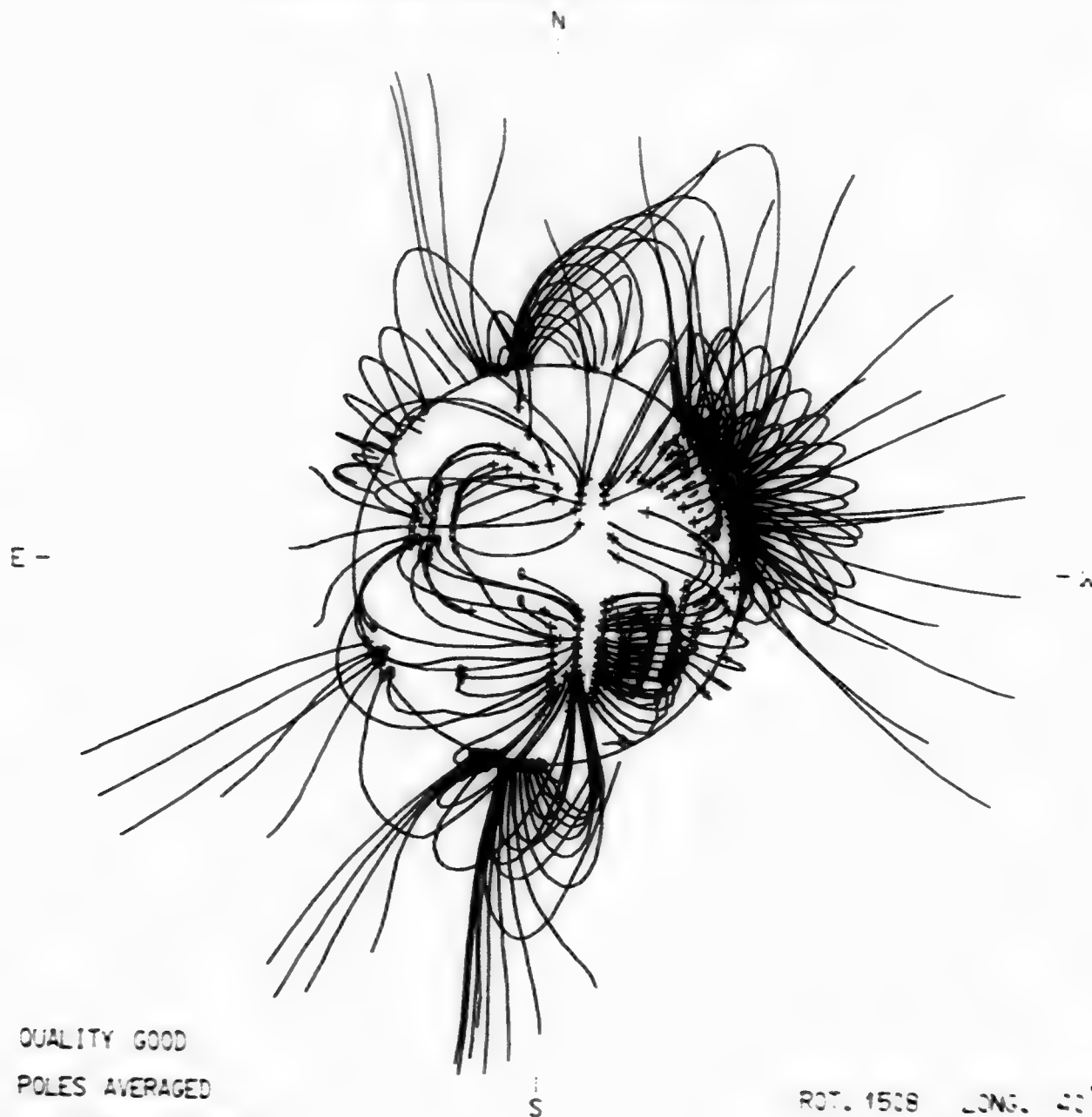


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

I
S

ROT. 1508 LONG. 20°
19.0 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

POLES AVERAGED

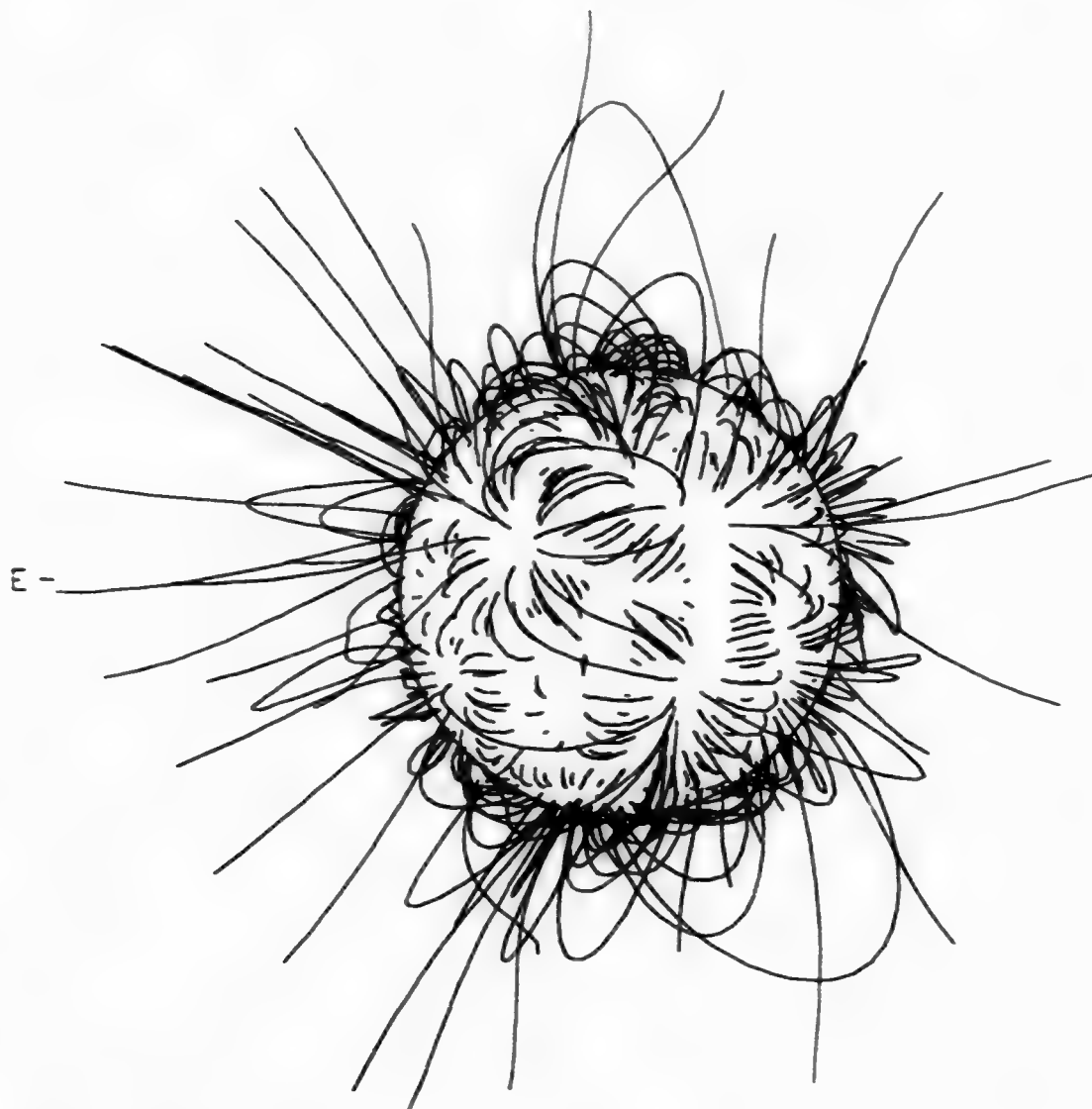
DATA WINDOW 1508.47

ROT. 1508 LONG. 22°

19.0 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY GOOD

POLES AVERAGED

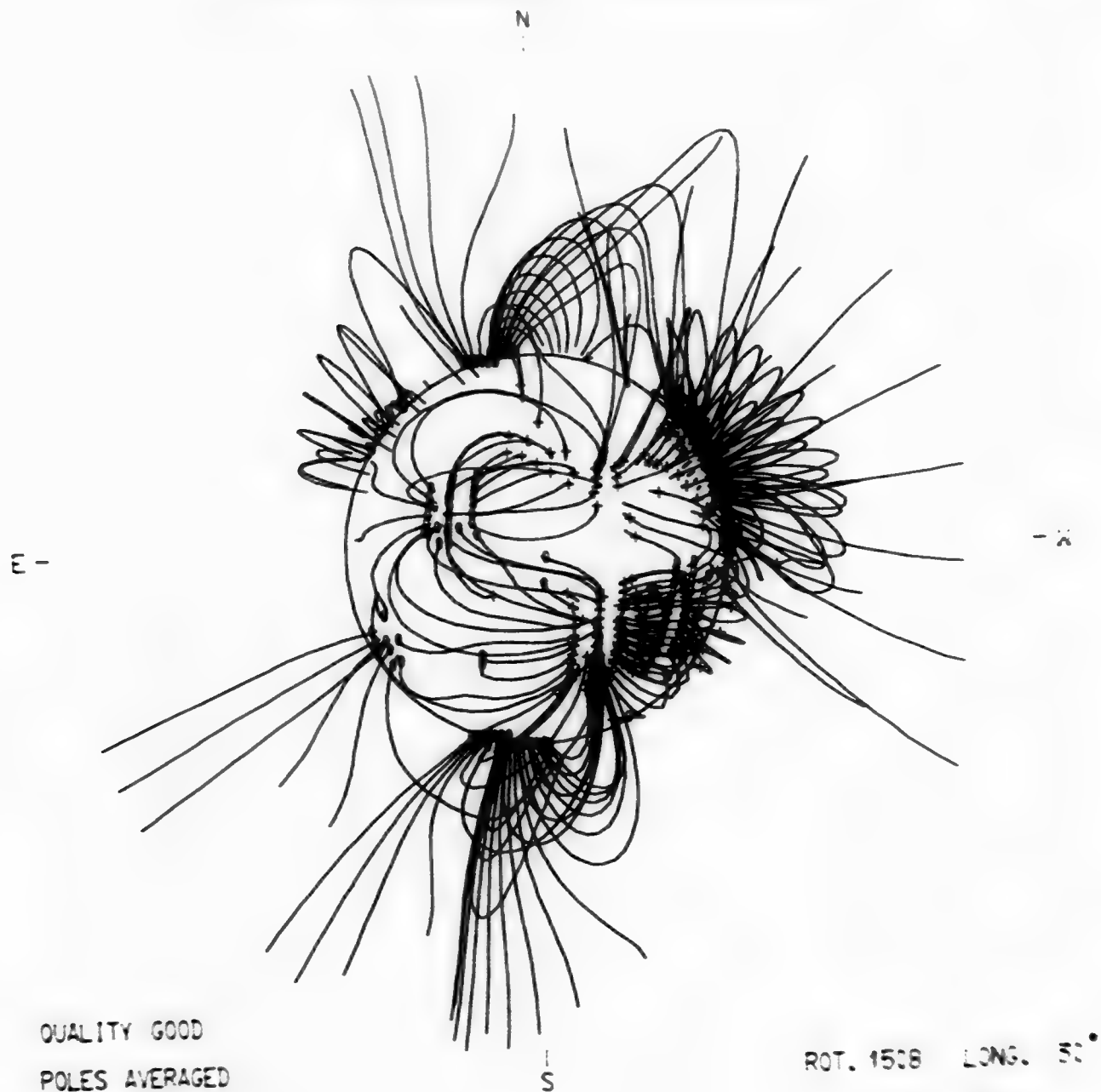
DATA WINDOW 1508.47

S

ROT. 1508 LONG. 50°

19.7 JUN 1966

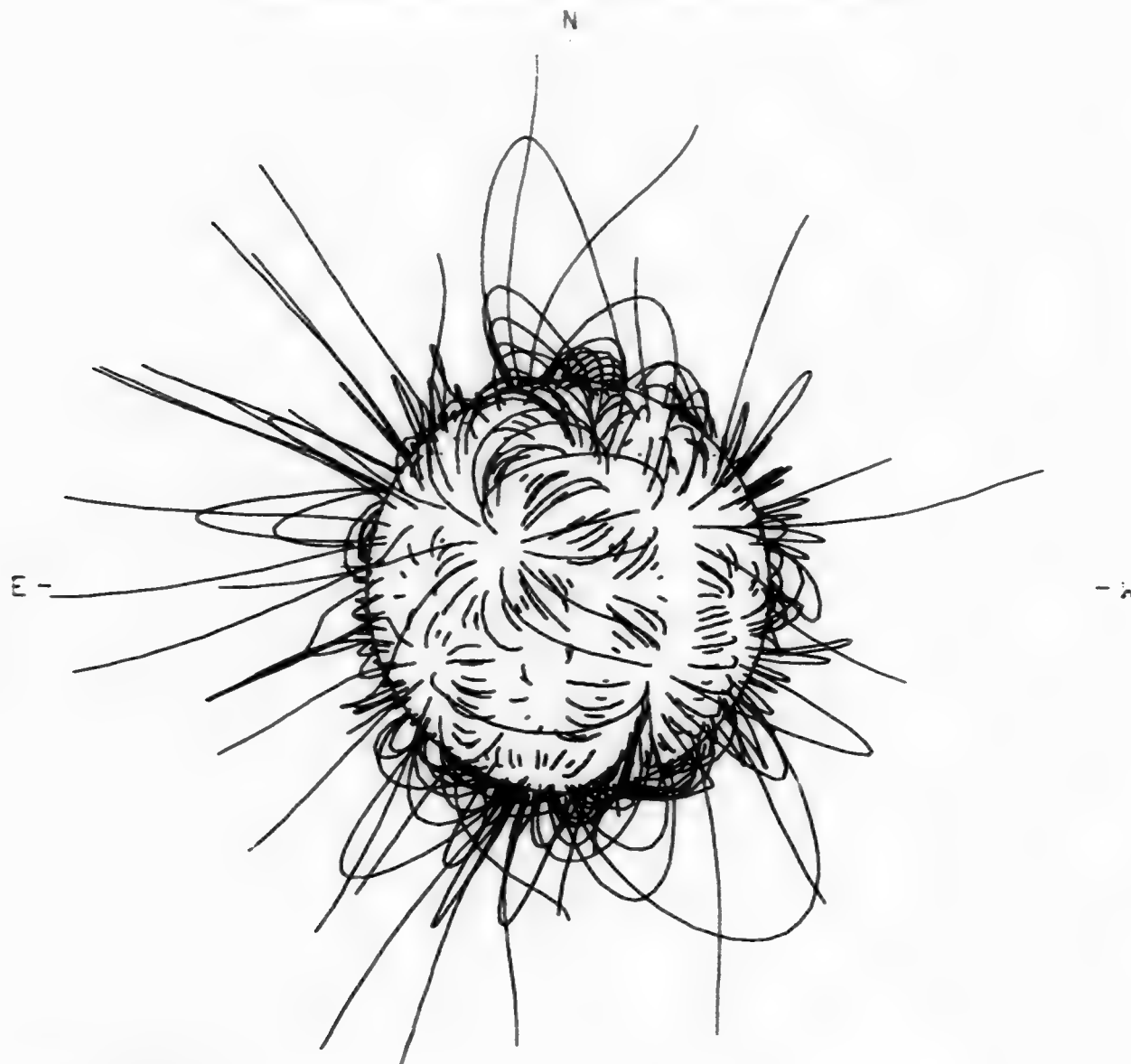
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

ROT. 1508 LONG. 50°
19.7 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

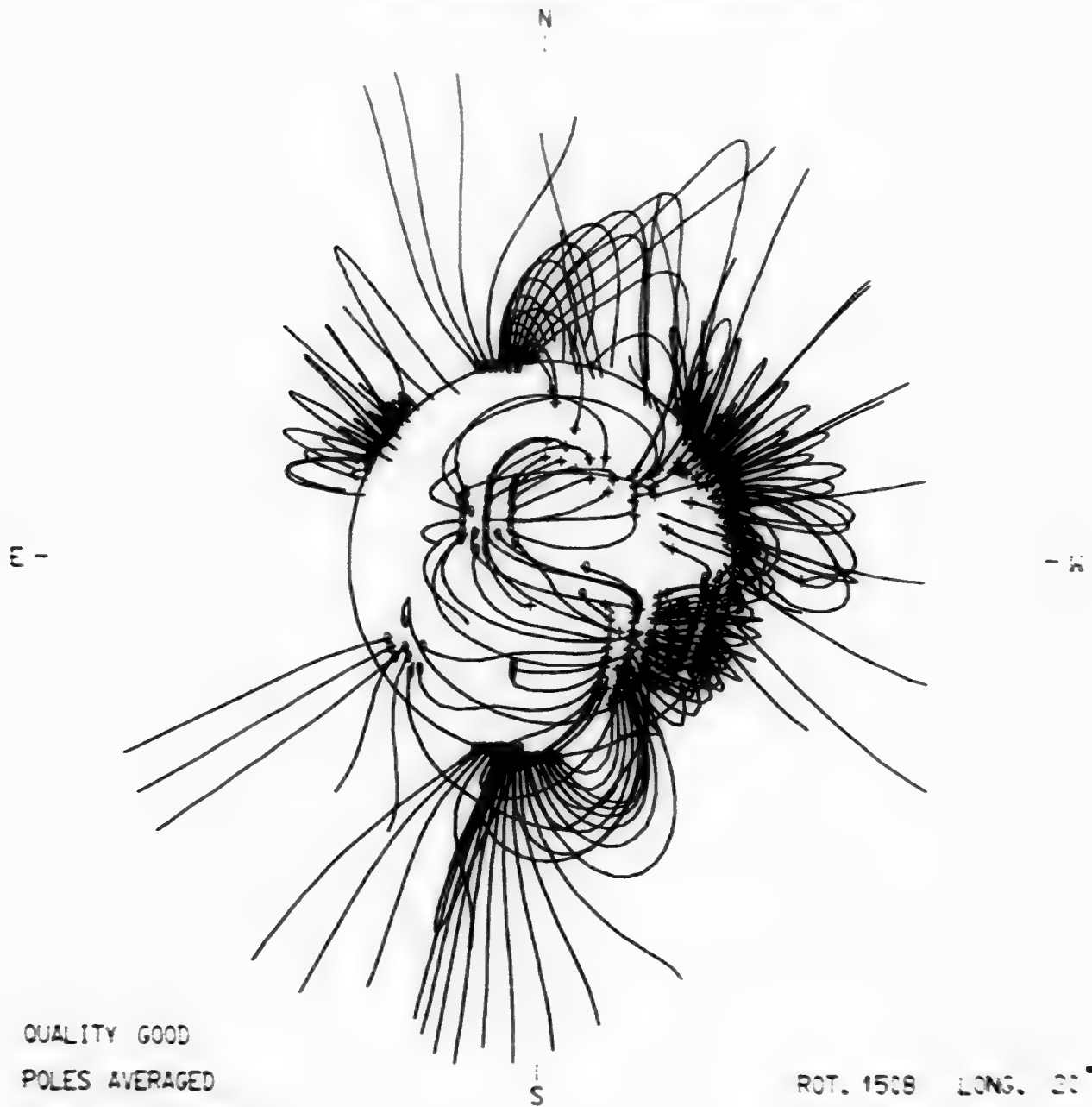


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

S

ROT. 1508 LONG. 21°
20.5 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

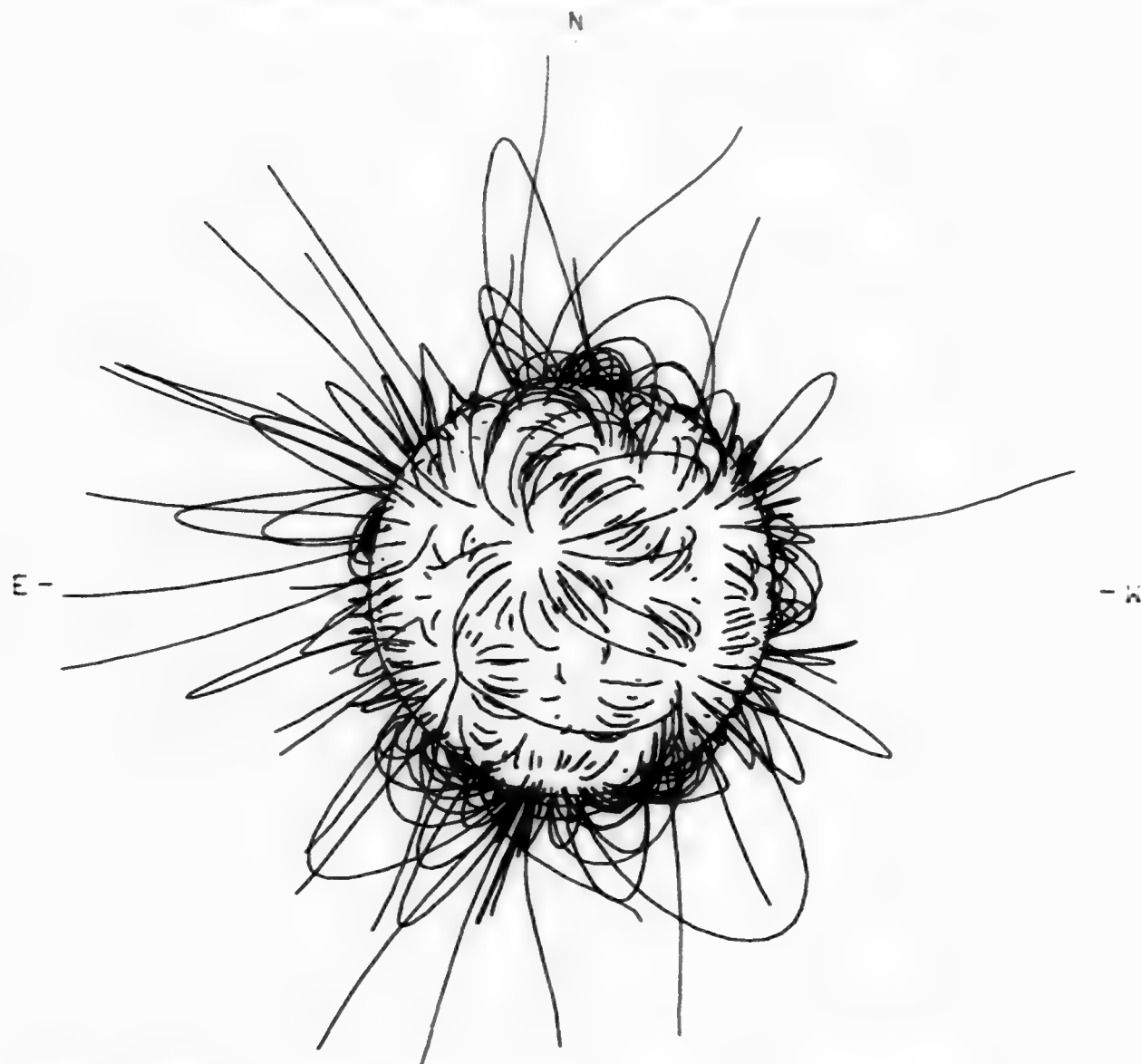
POLES AVERAGED

DATA WINDOW 1508.47

ROT. 1508 LONG. 20°

20.5 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

POLES AVERAGED

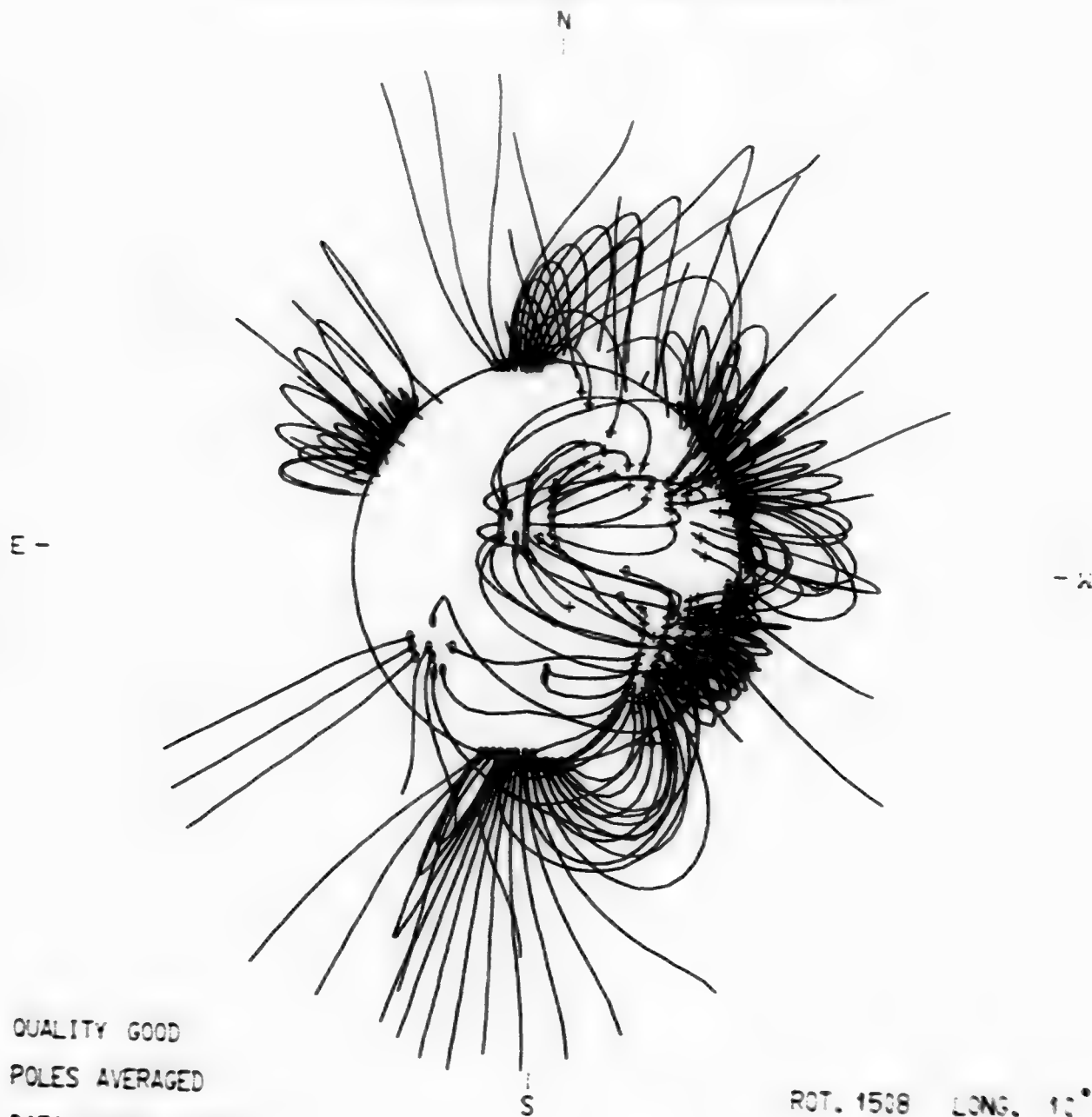
DATA WINDOW 1508.47

I
S

ROT. 1508 LONG. 10°

21.3 JUN 1966

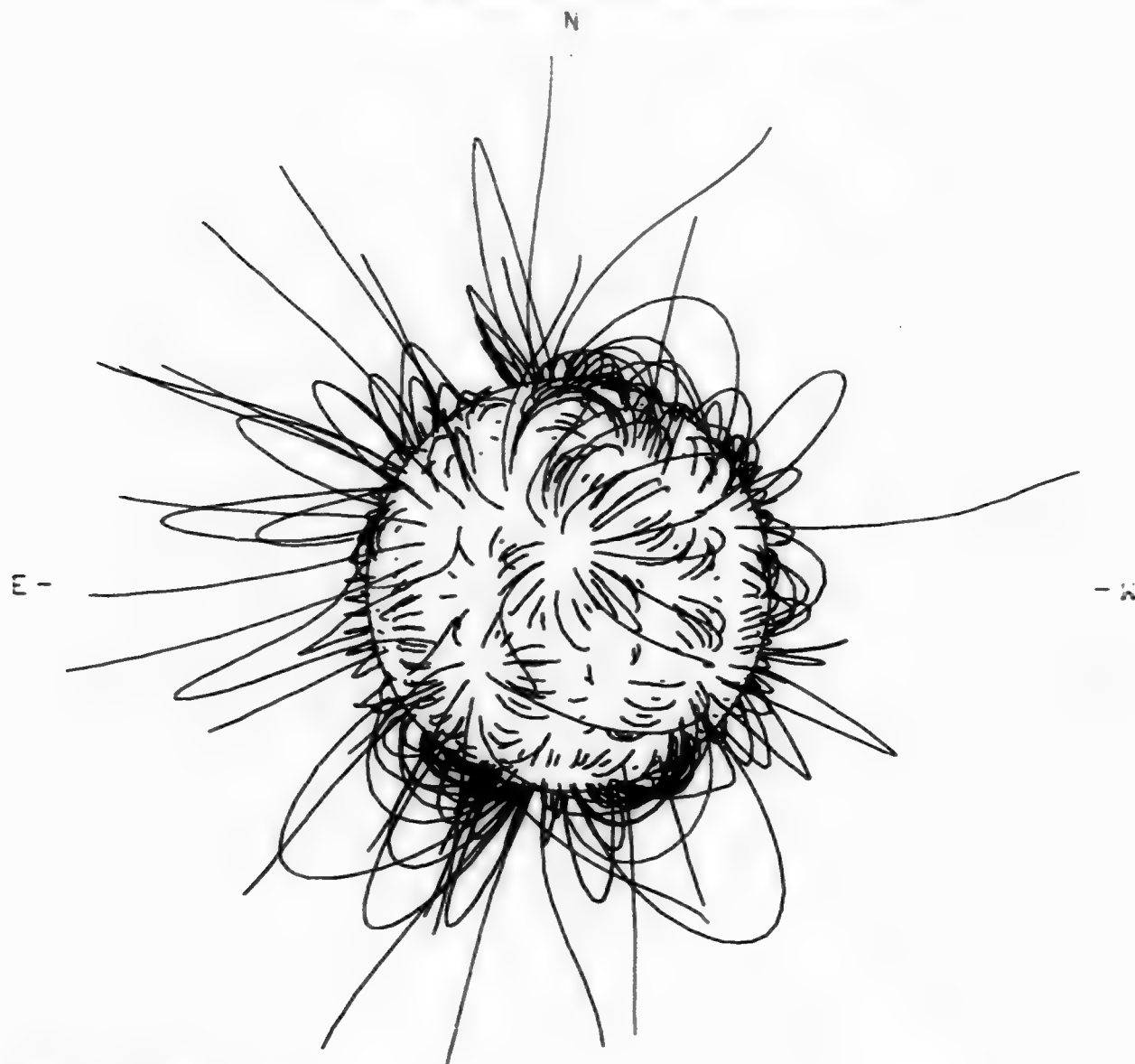
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

ROT. 1508 LONG. 10°
21.5 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

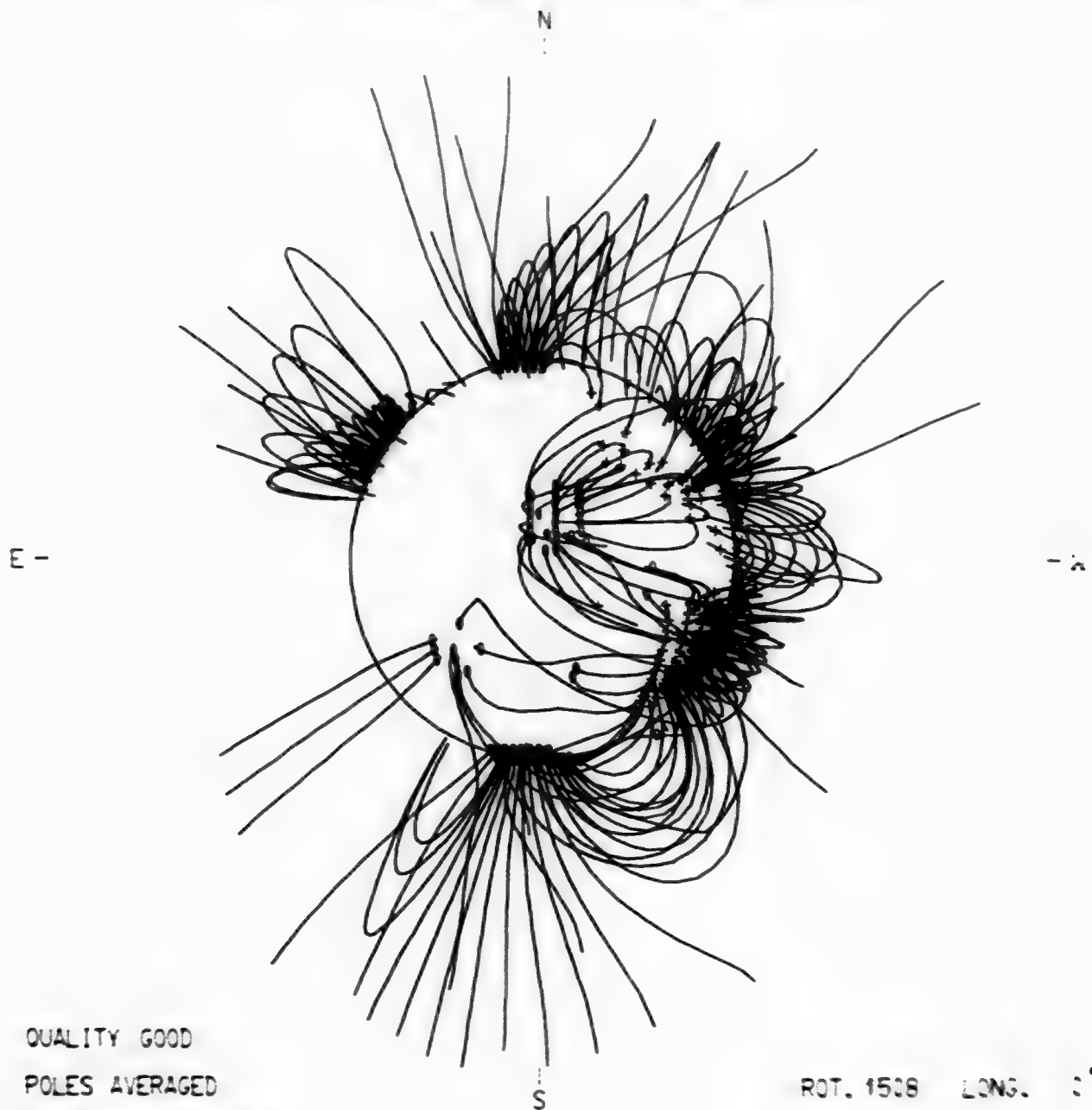


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

S

ROT. 1508 LONG. 2°
22.0 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

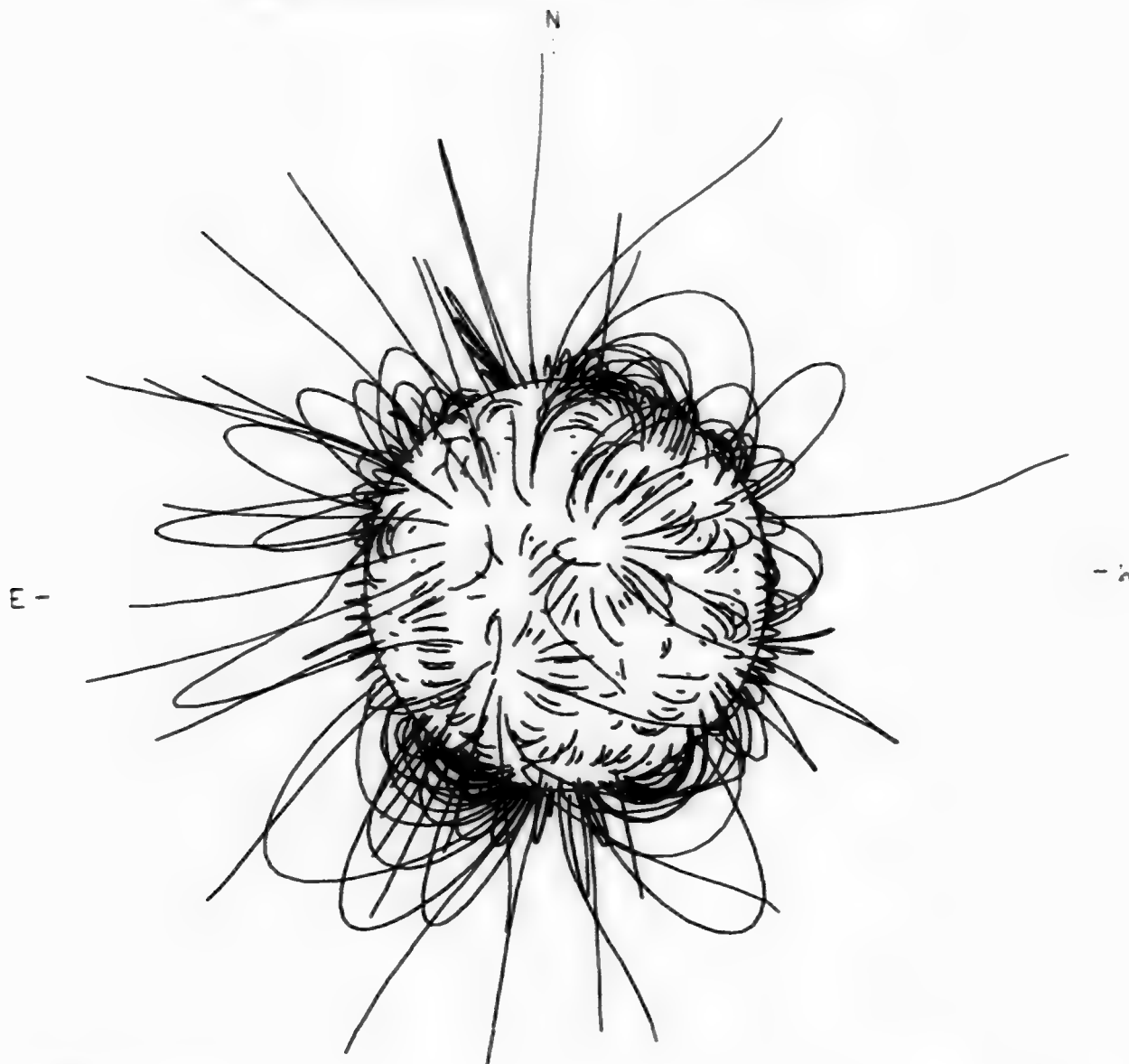
POLES AVERAGED

DATA WINDOW 1508.47

ROT. 1538 LONG. 3°

22.0 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

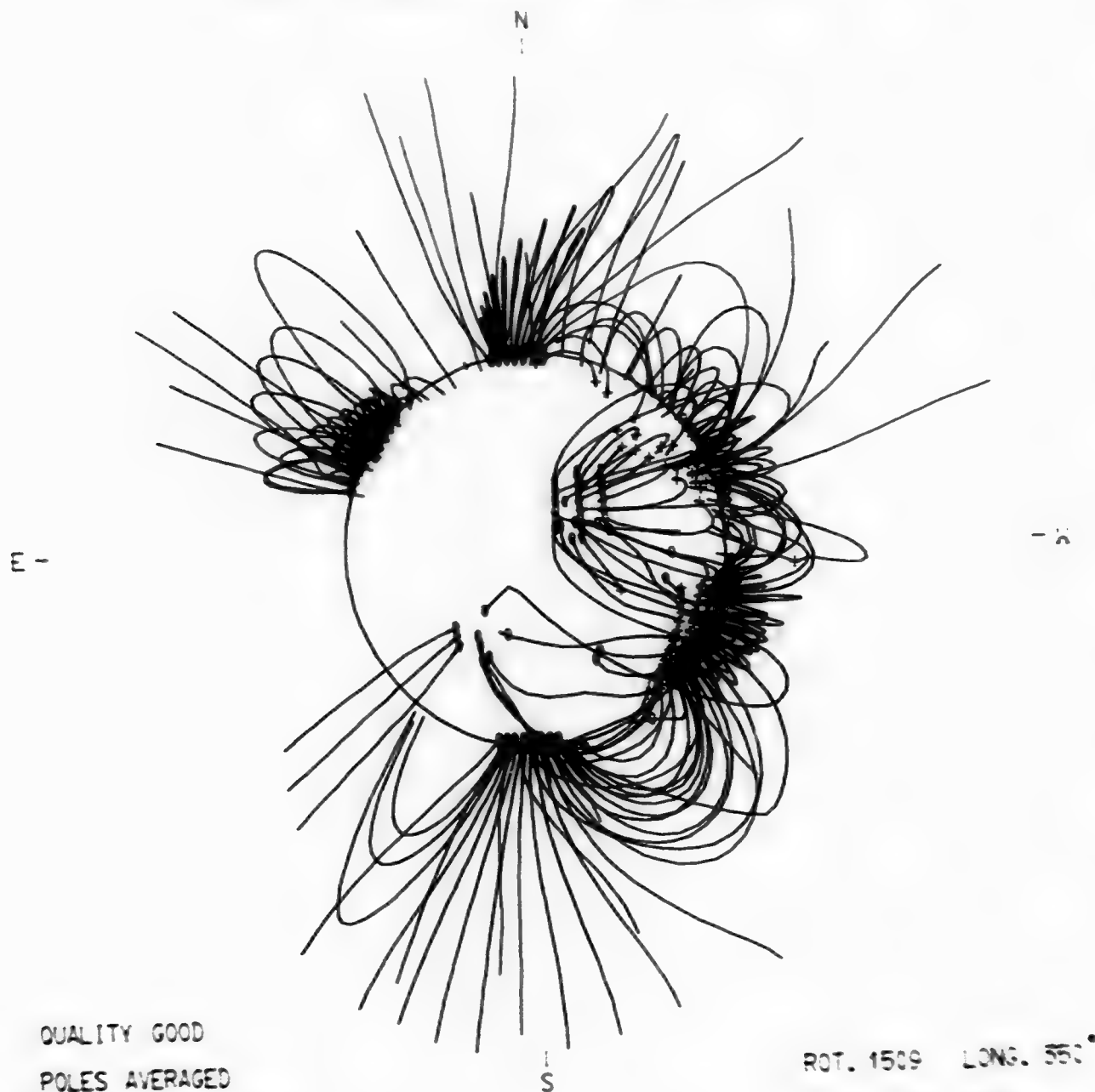


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

S

ROT. 1509 LONG. 350°
22.8 JUN 1966

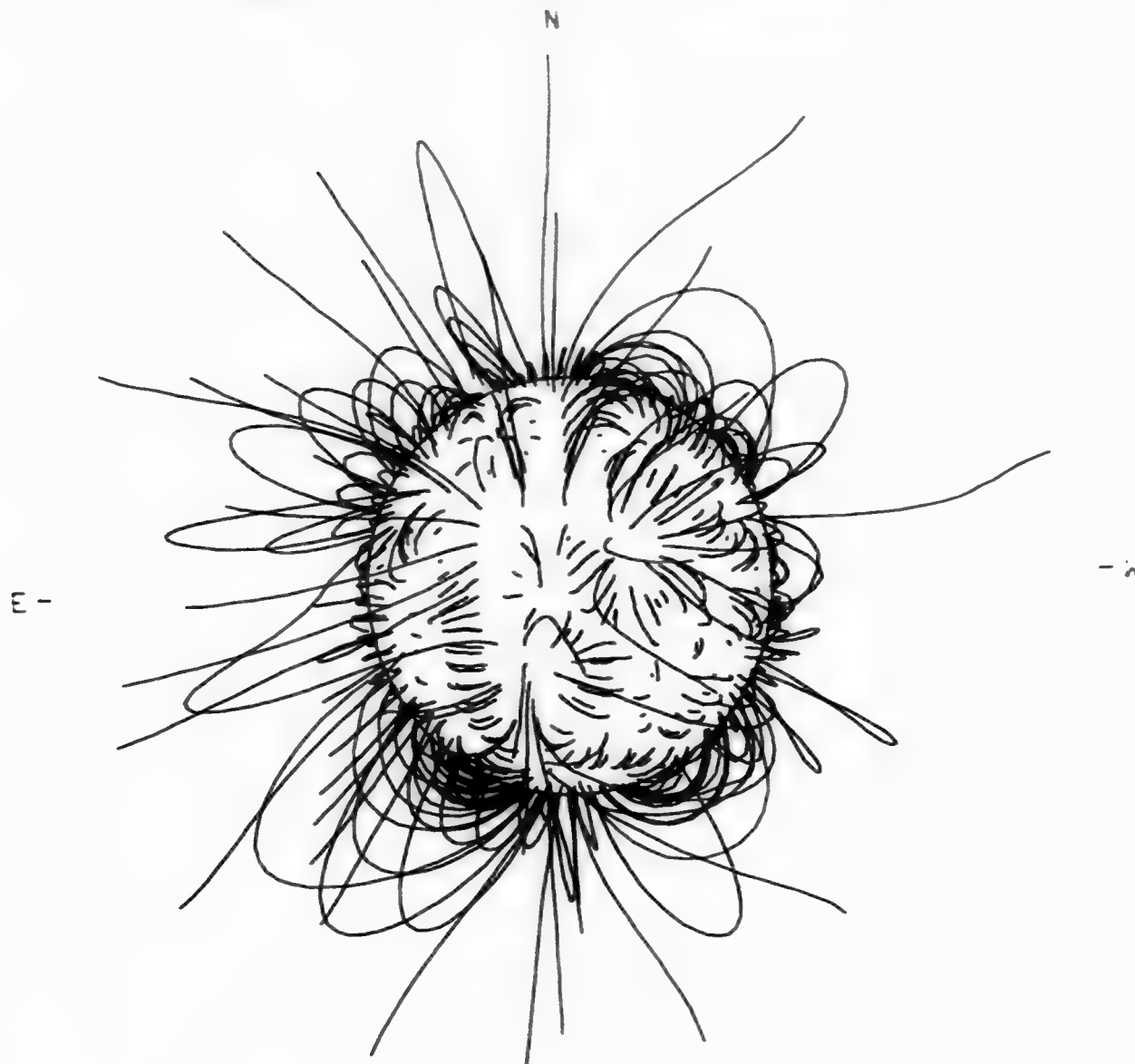
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

ROT. 1509 LONG. 350°
22.8 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

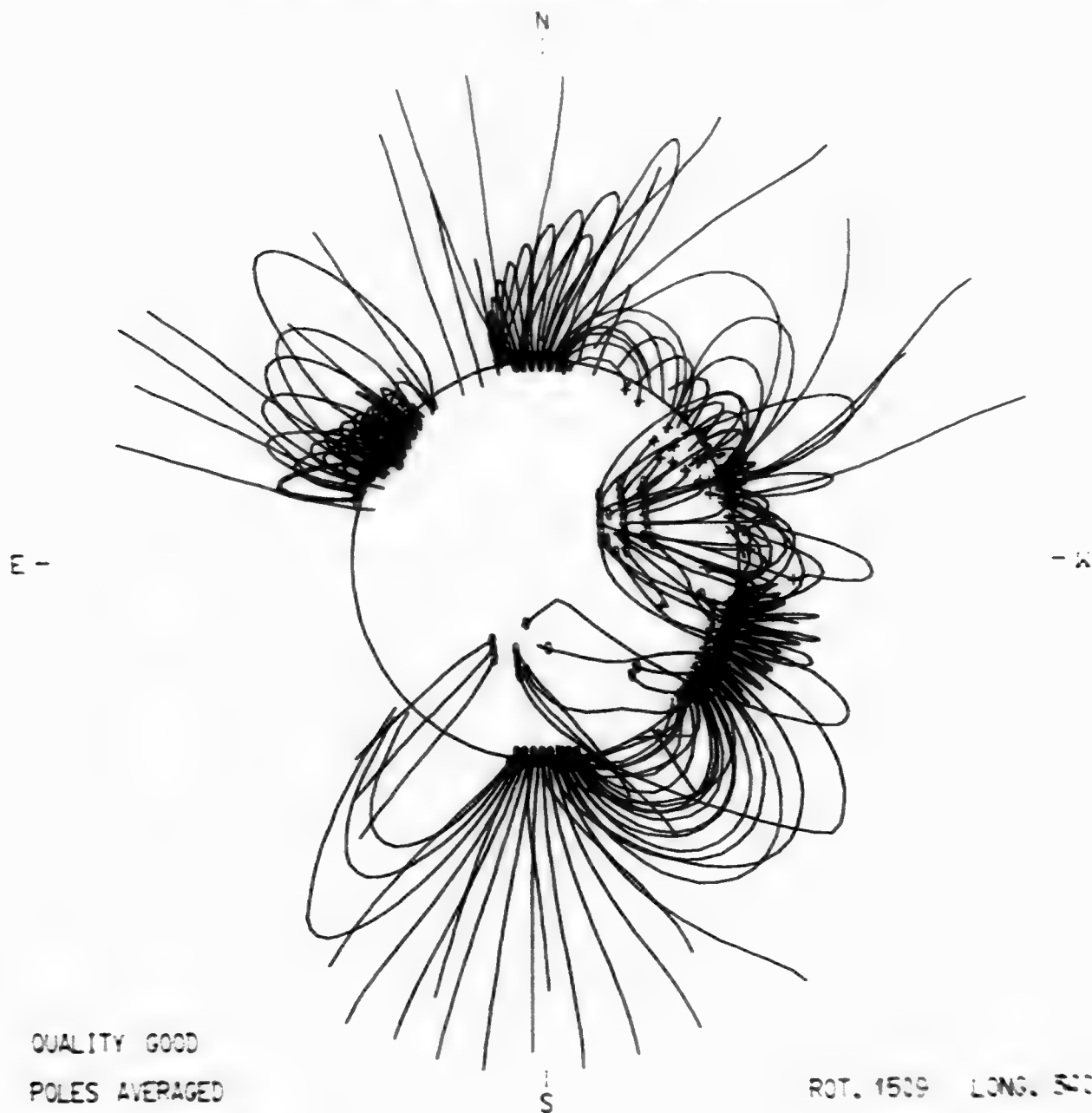


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

S

ROT. 1509 LONG. 300°
23.5 JUN 1966

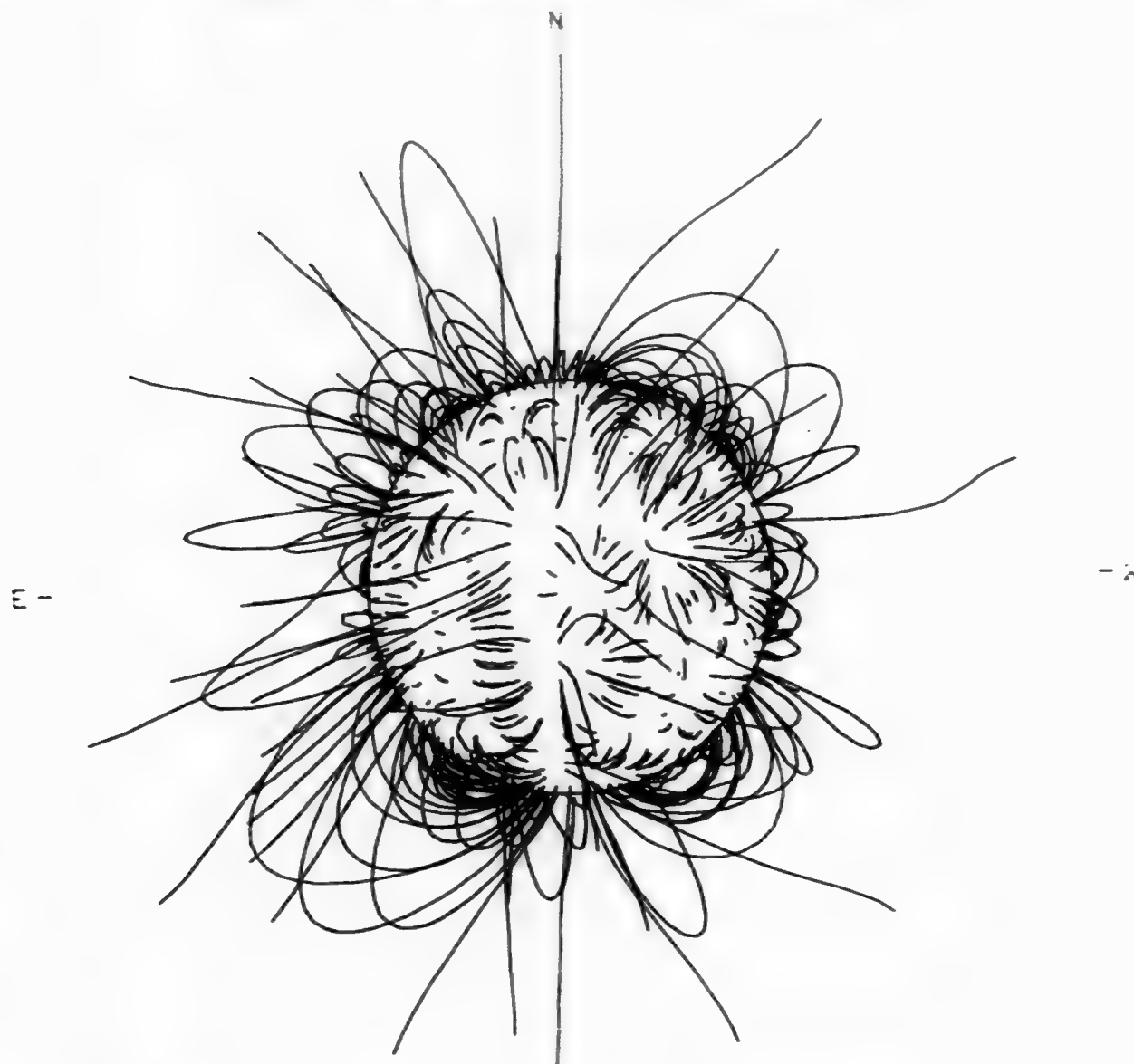
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

ROT. 1509 LONG. 500°
23.5 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

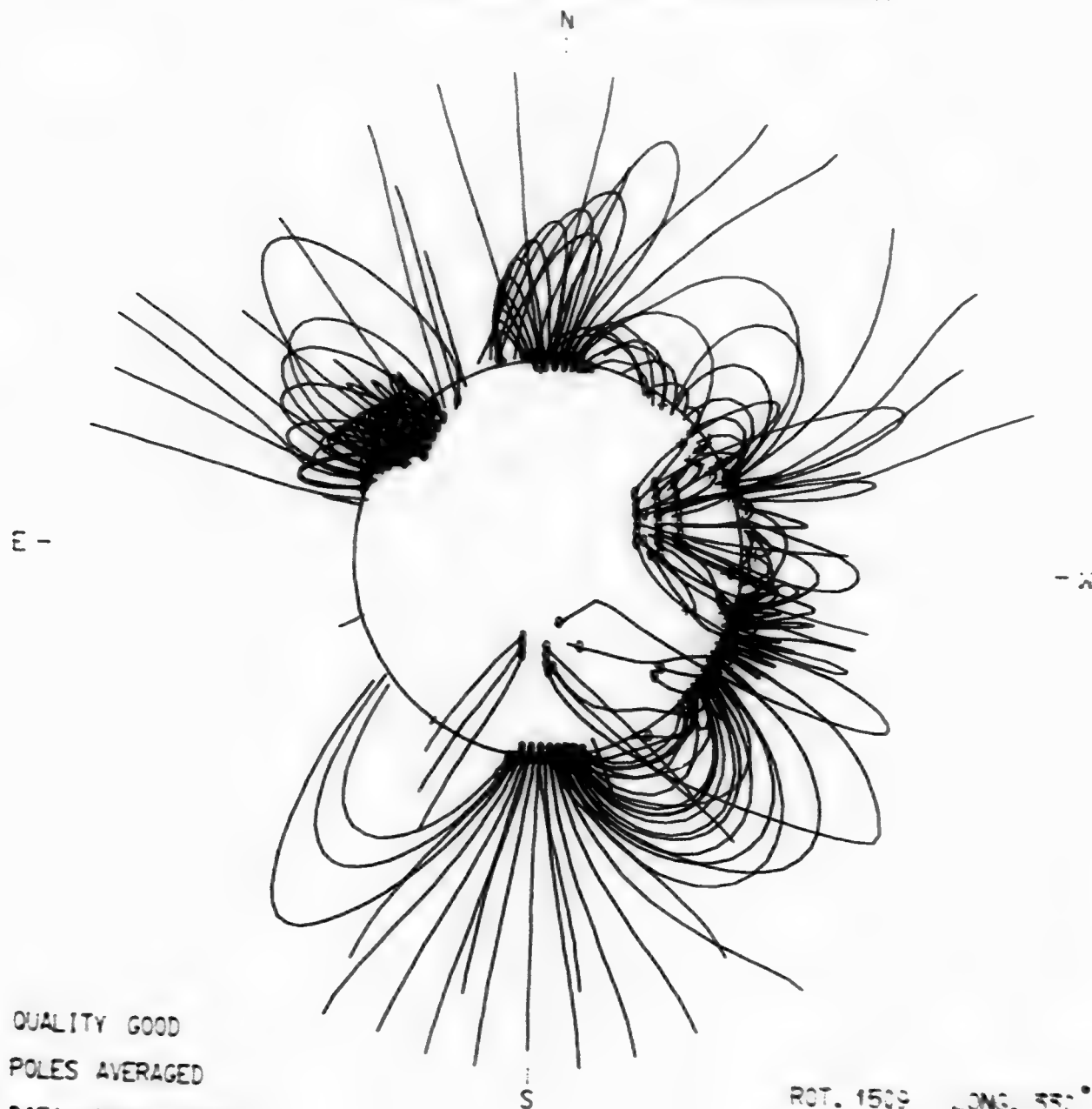


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

S

ROT. 1509 LONG. 330°
24.3 JUN 1966

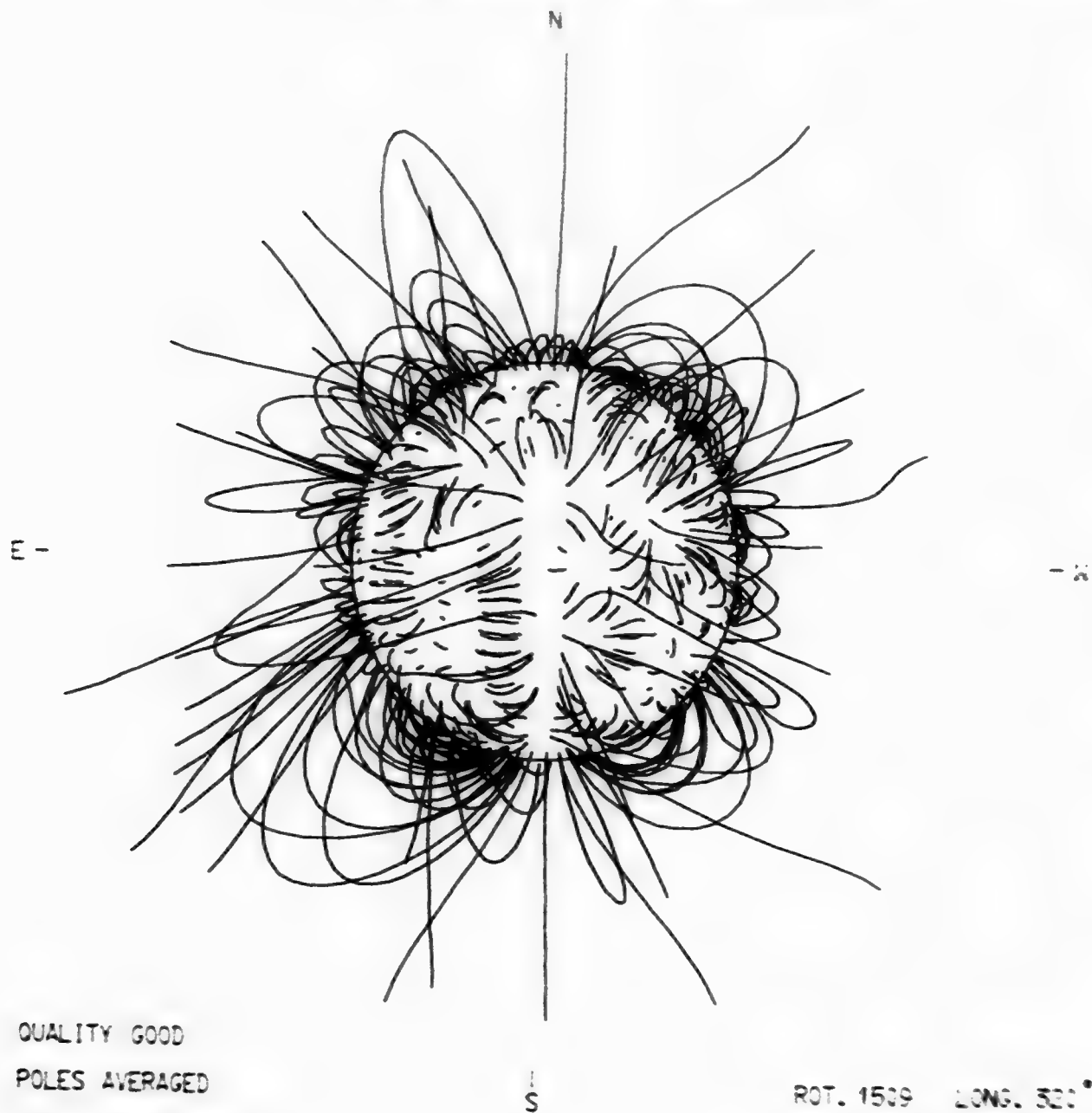
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

ROT. 1509 LONG. 351°
24.3 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

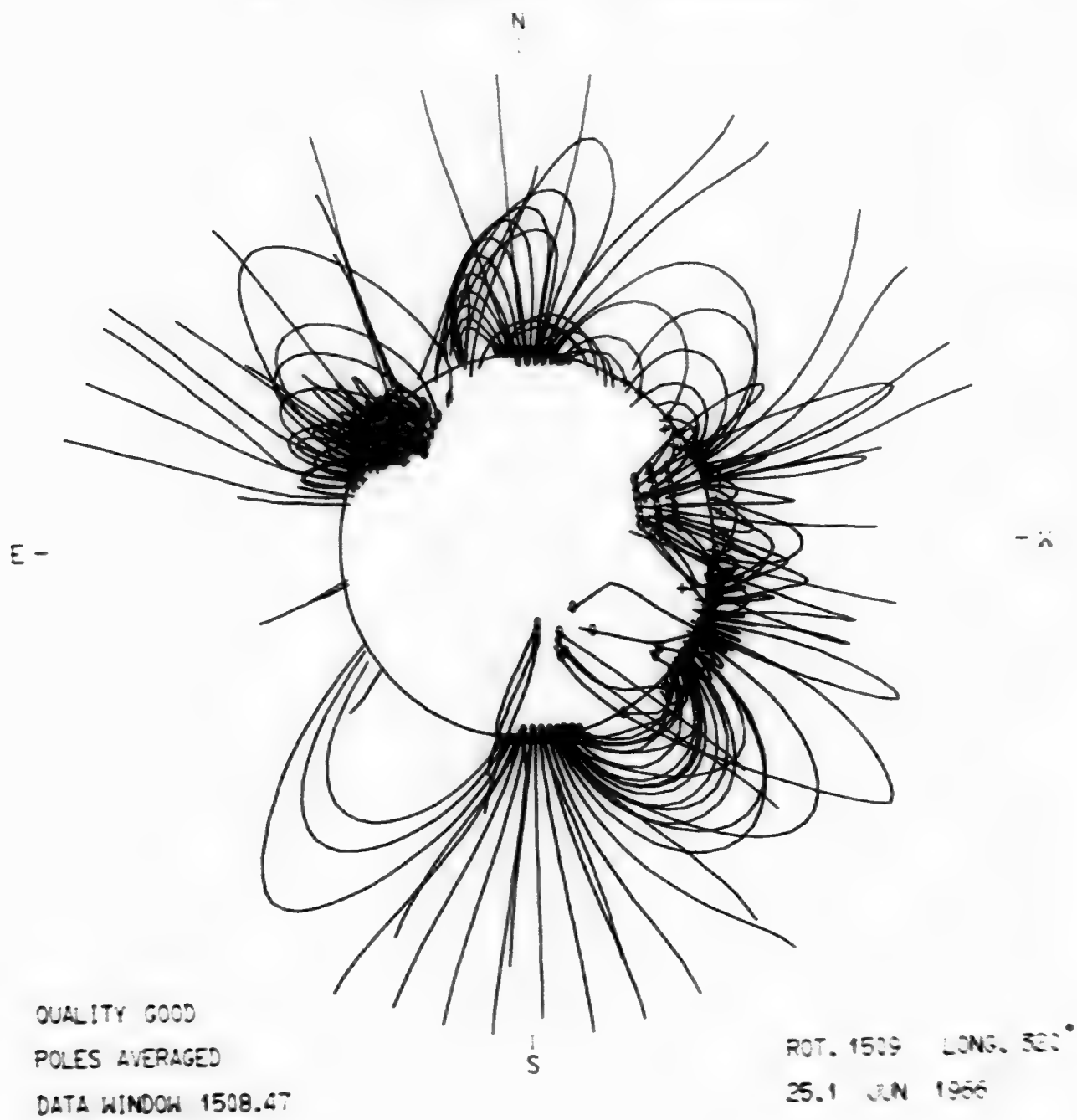
POLES AVERAGED

DATA WINDOW 1508.47

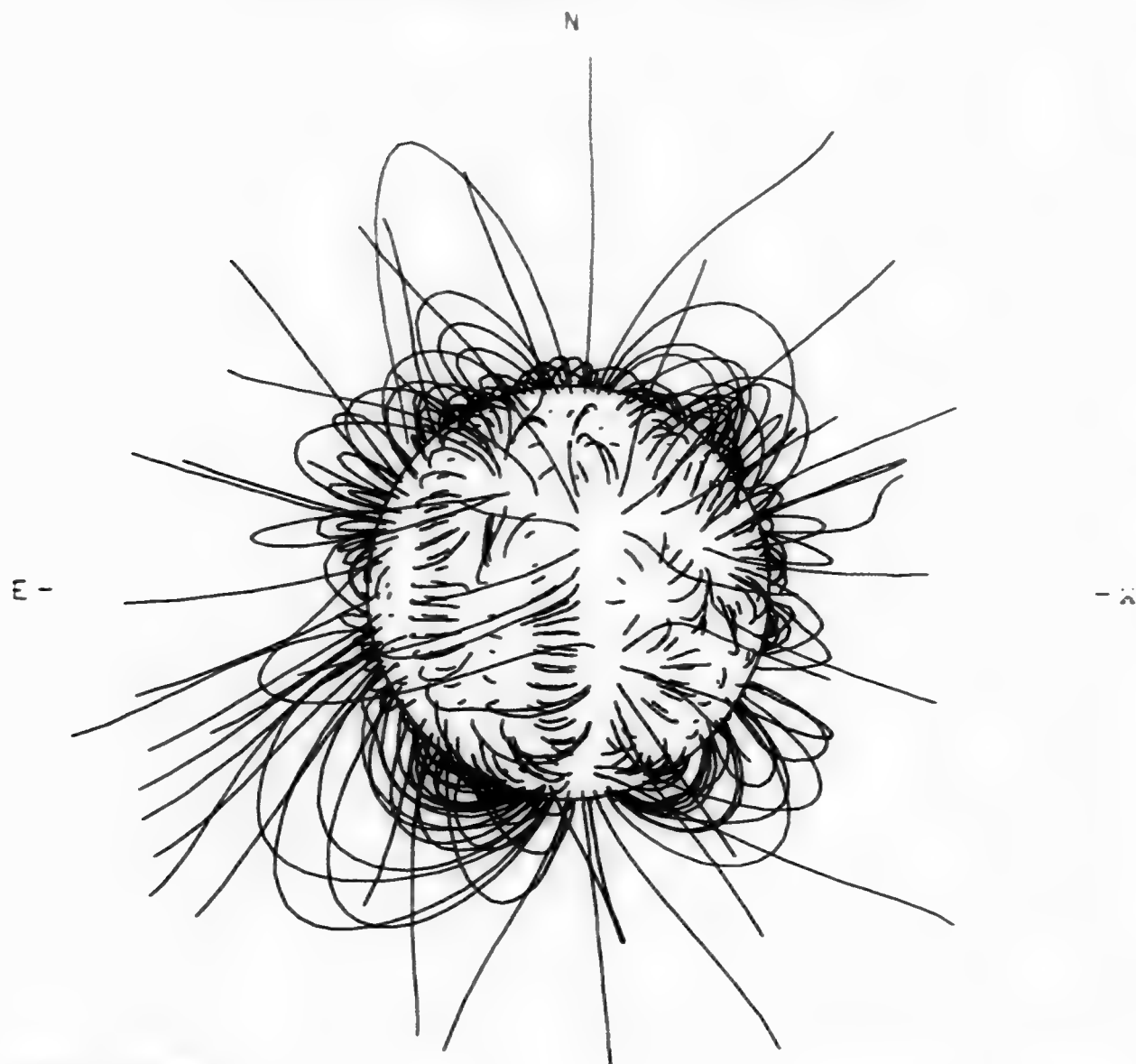
ROT. 1509 LONG. 320°

25.1 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

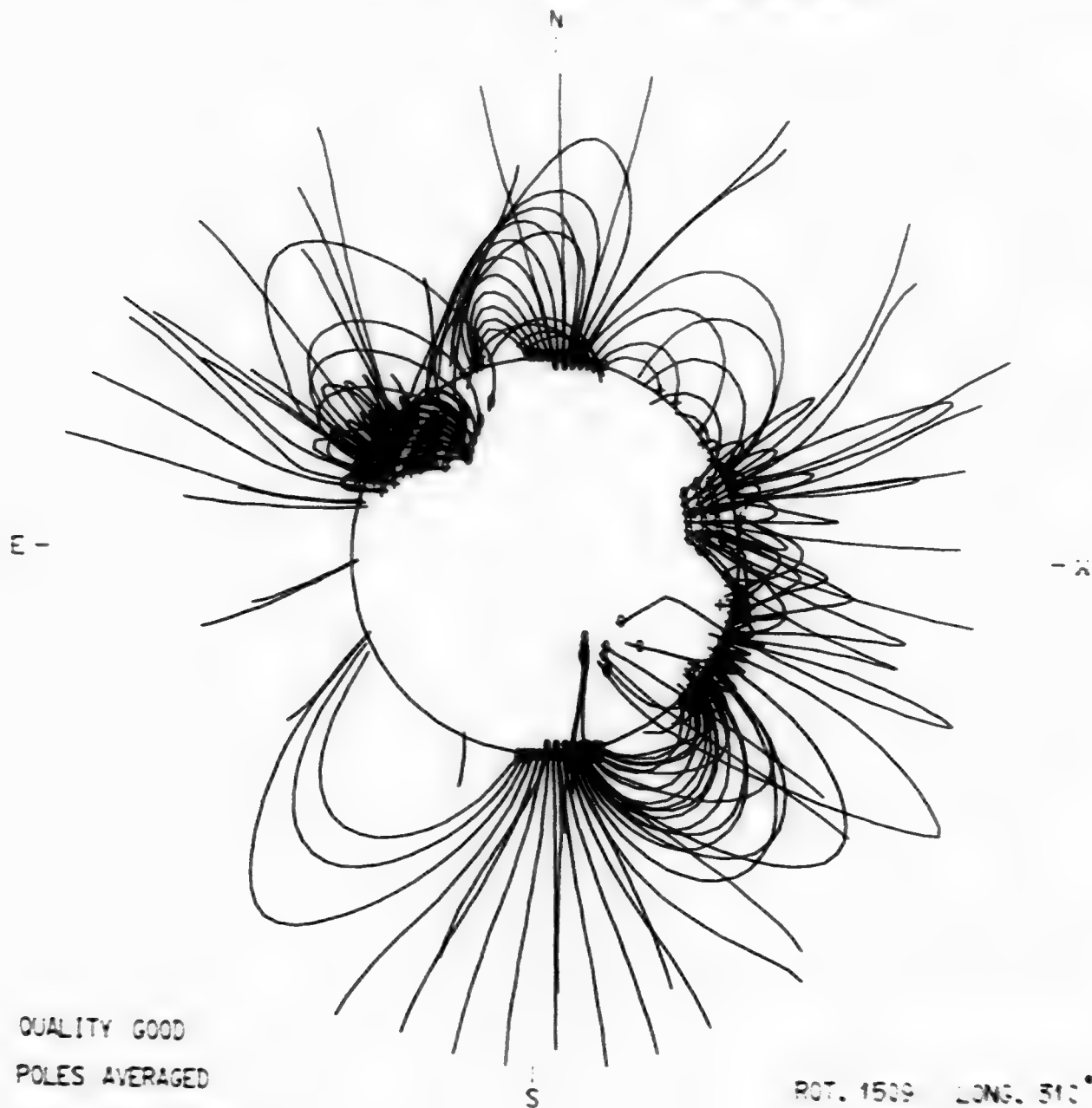


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

S

ROT. 1509 LONG. 310°
25.8 JUN 1966

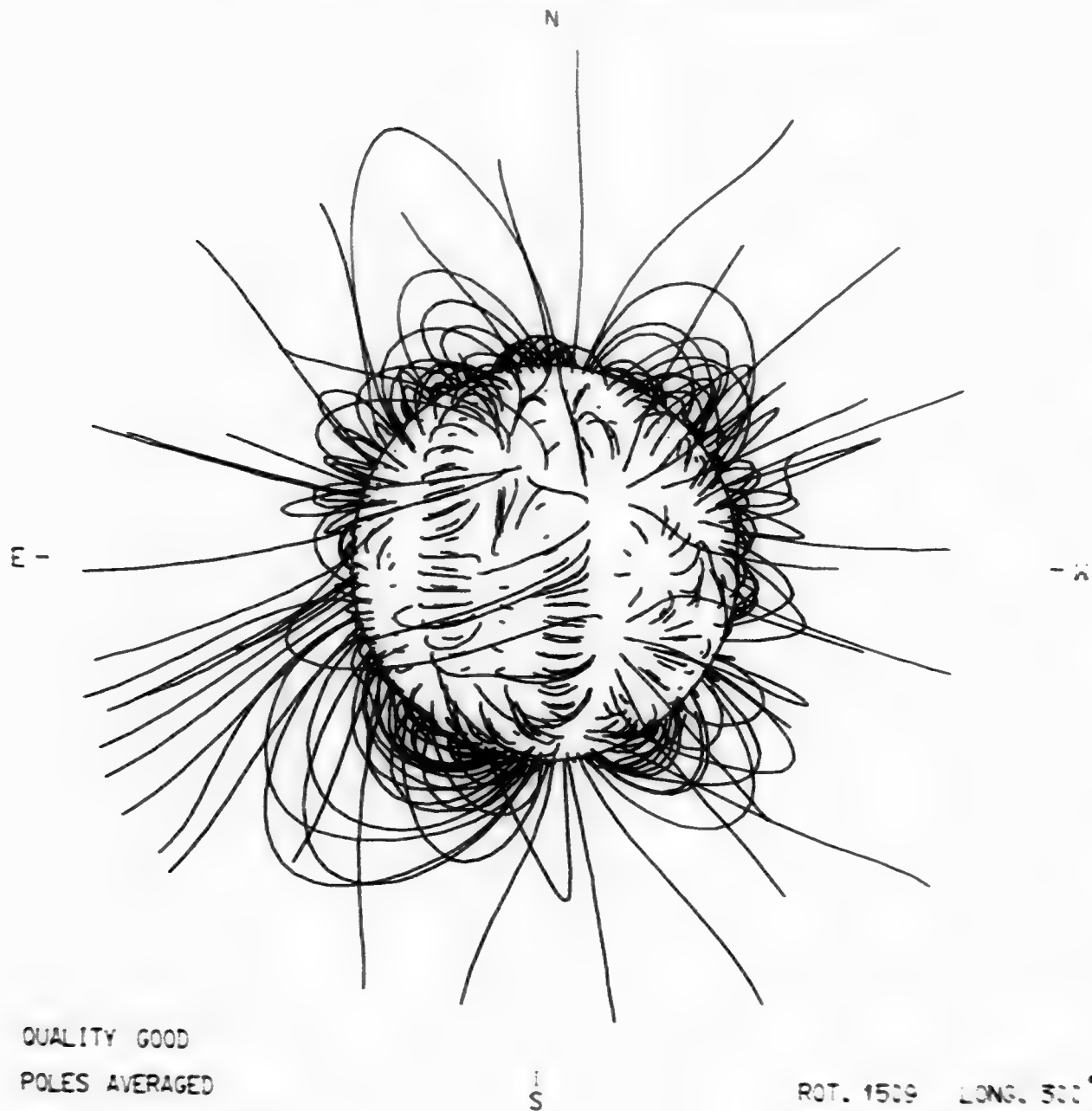
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

ROT. 1509 LONG. 510°
25.8 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

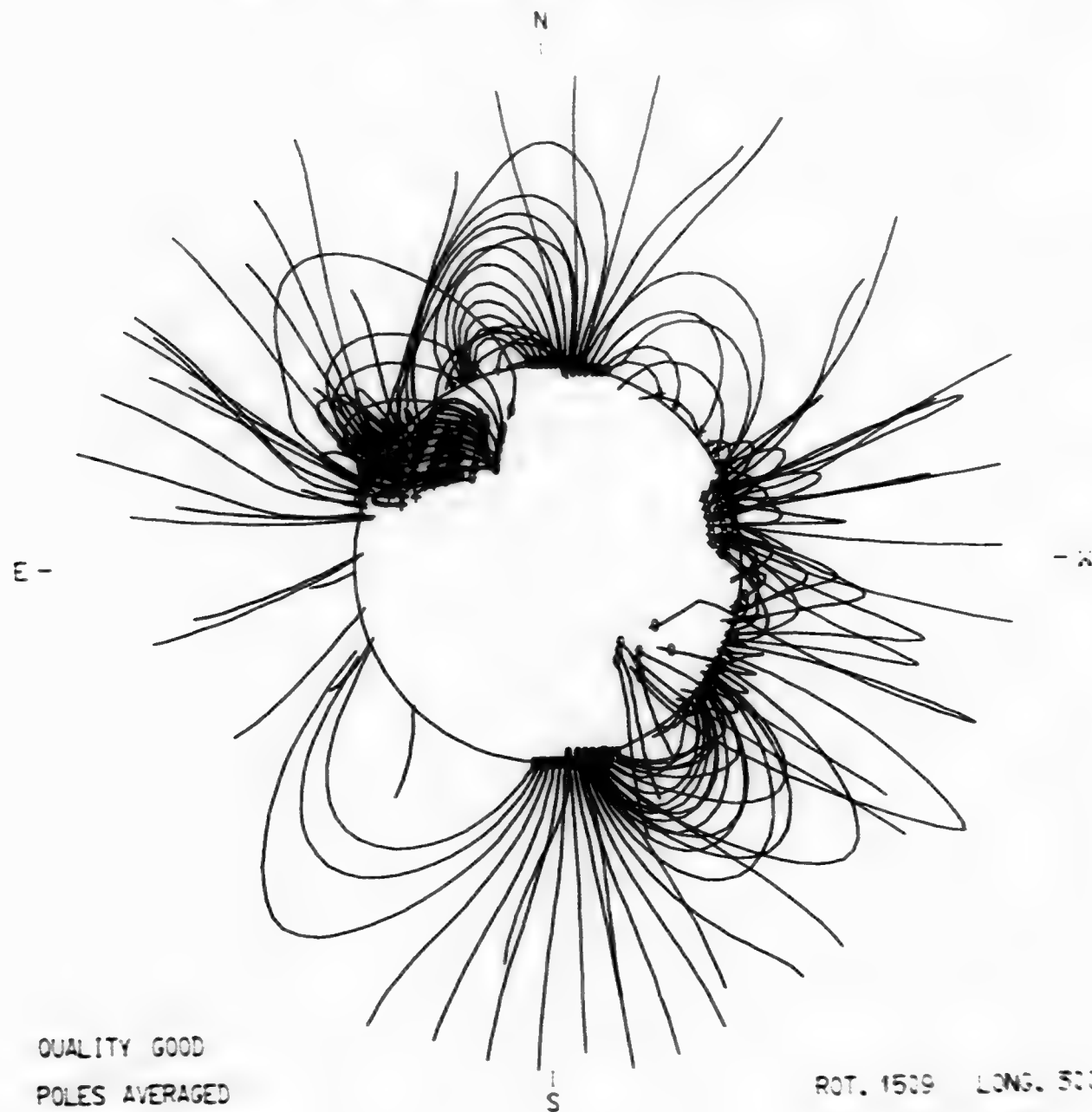


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

I
S

ROT. 1509 LONG. 300°
26.6 JUN 1966

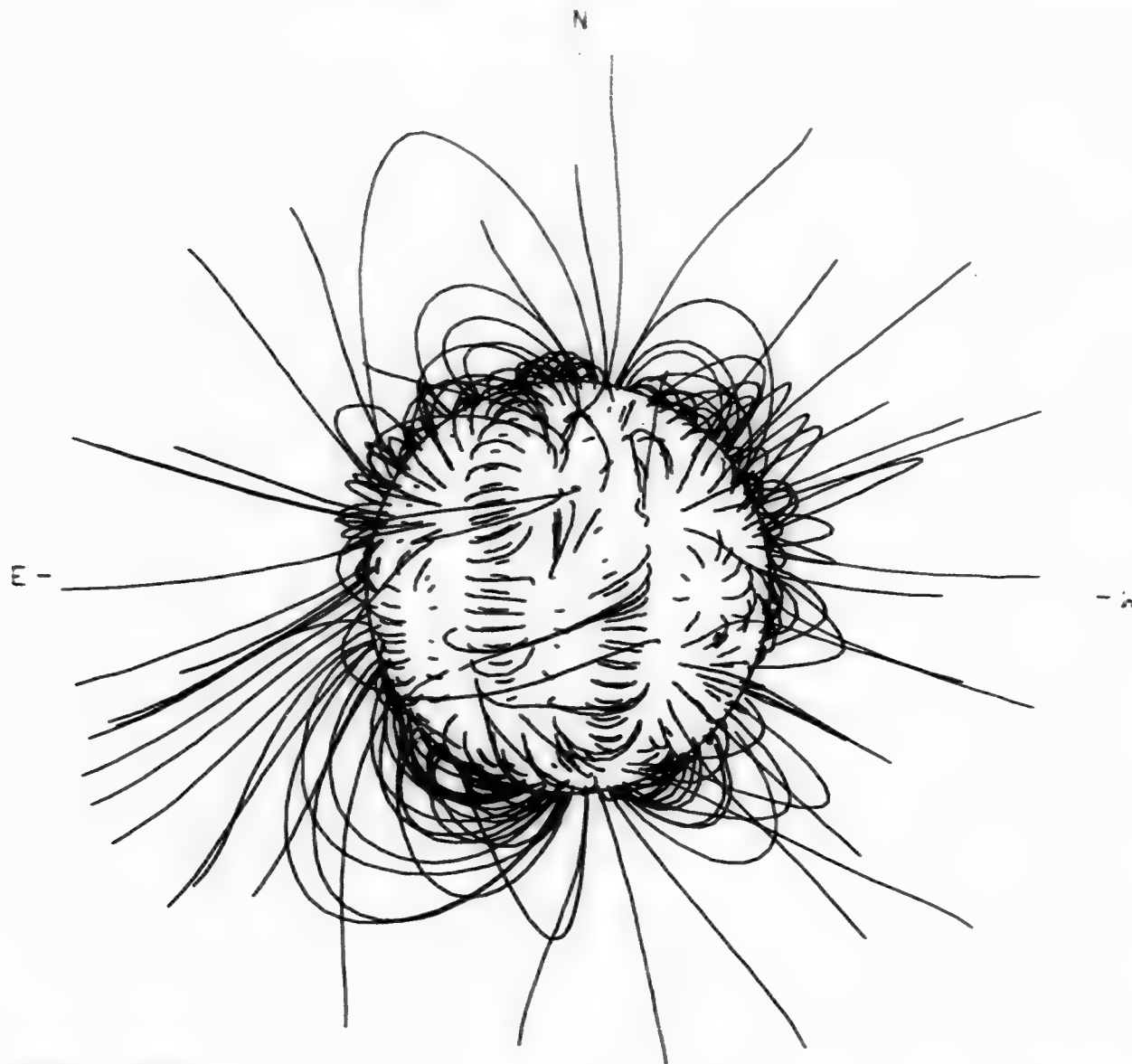
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

ROT. 1539 LONG. 500°
26.6 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

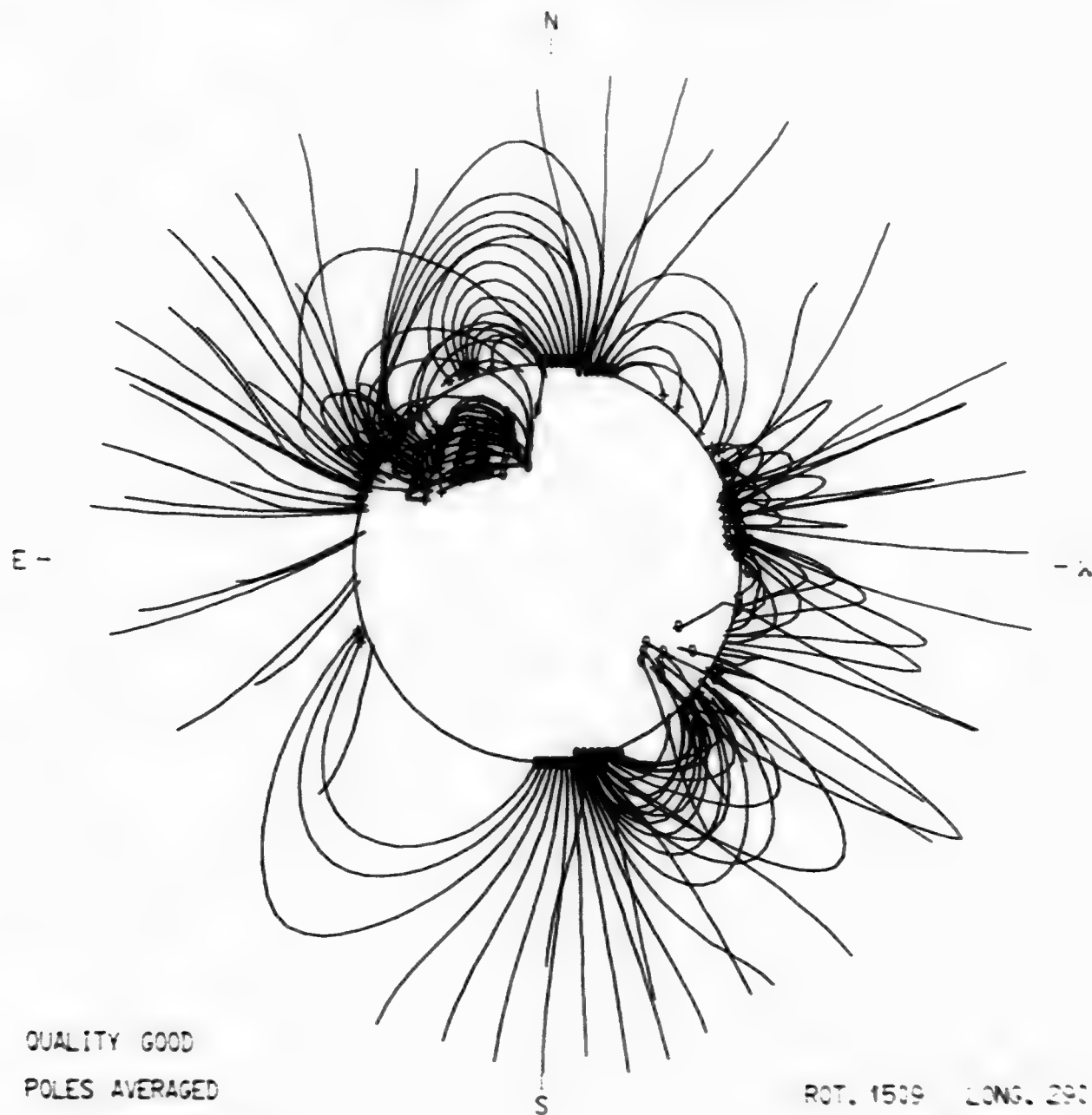


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

1
S

ROT. 1509 LONG. 290°
27.3 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

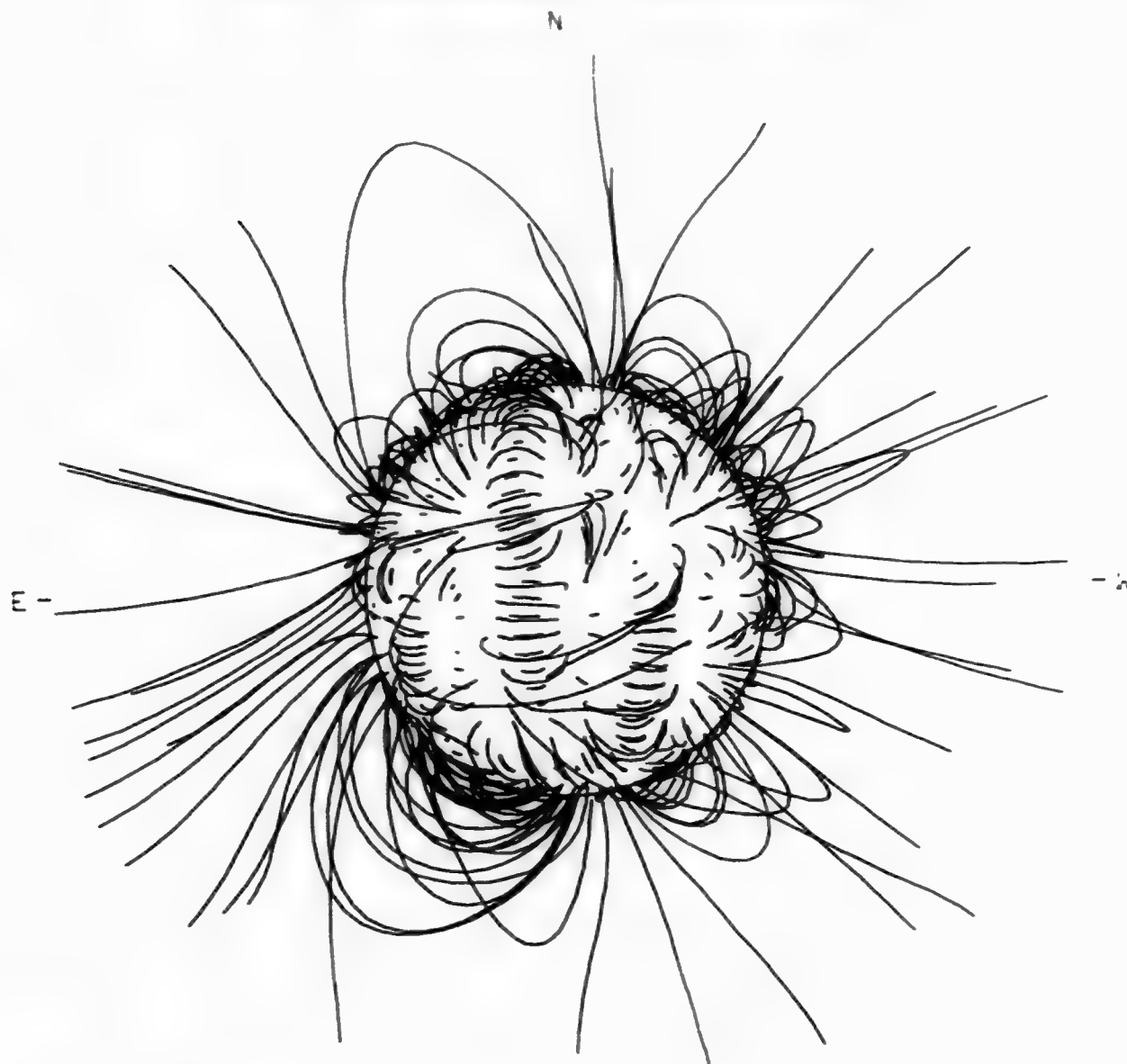
POLES AVERAGED

DATA WINDOW 1508.47

ROT. 1509 LONG. 291°

27.3 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

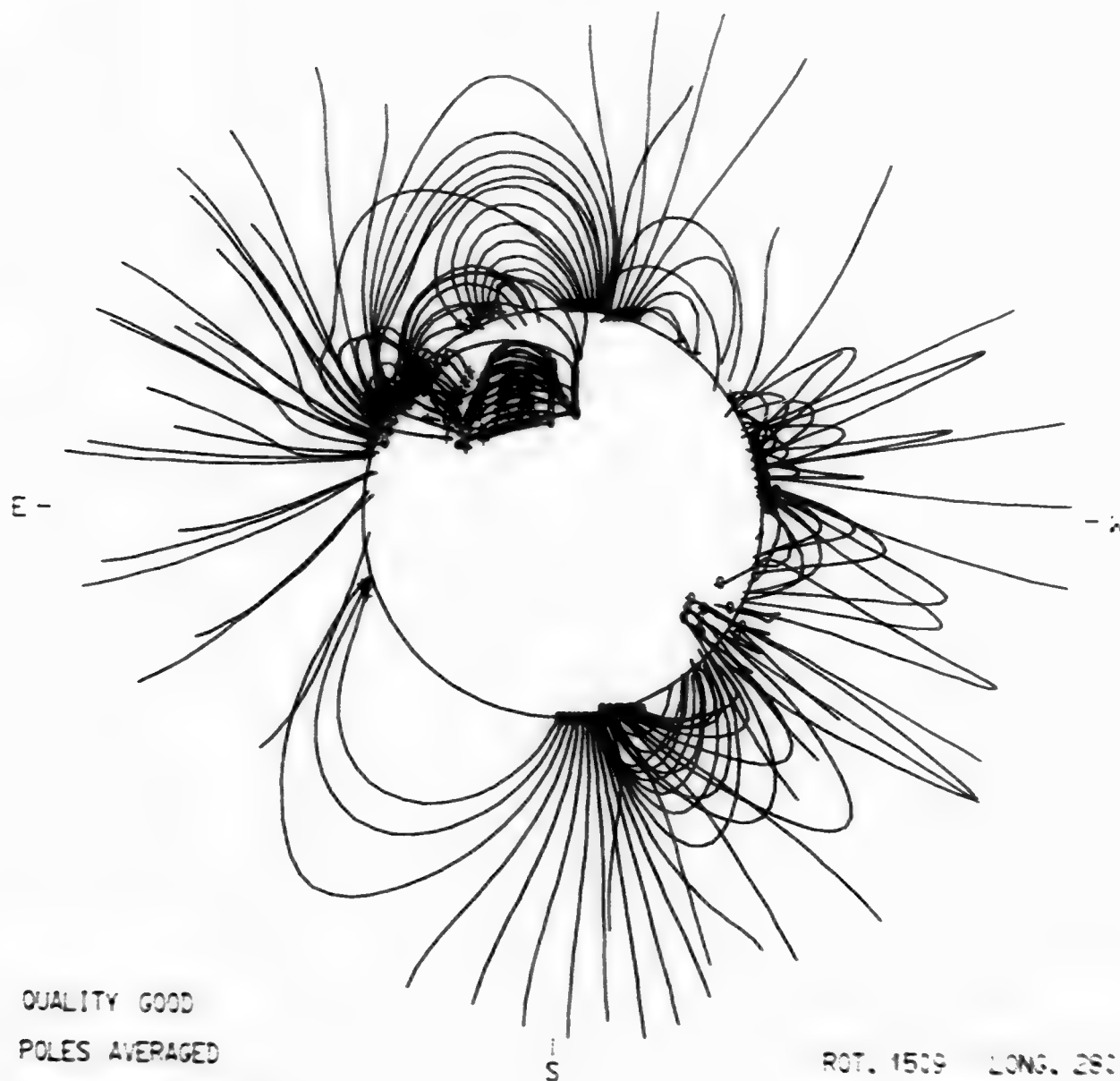


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

ROT. 1509 LONG. 281°
28.1 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY GOOD

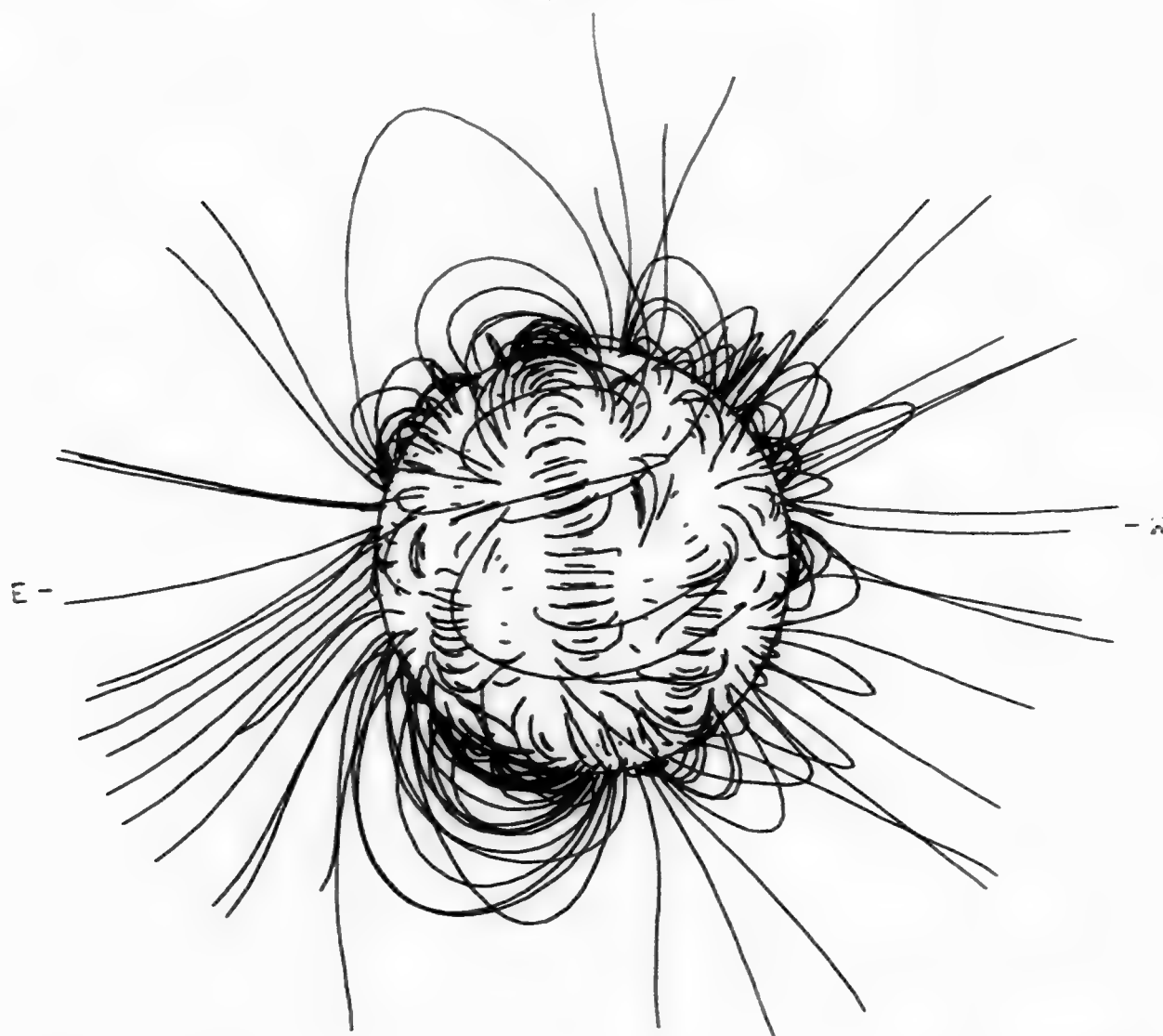
POLES AVERAGED

DATA WINDOW 1508.47

ROT. 1509 LONG. 280°

28.1 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

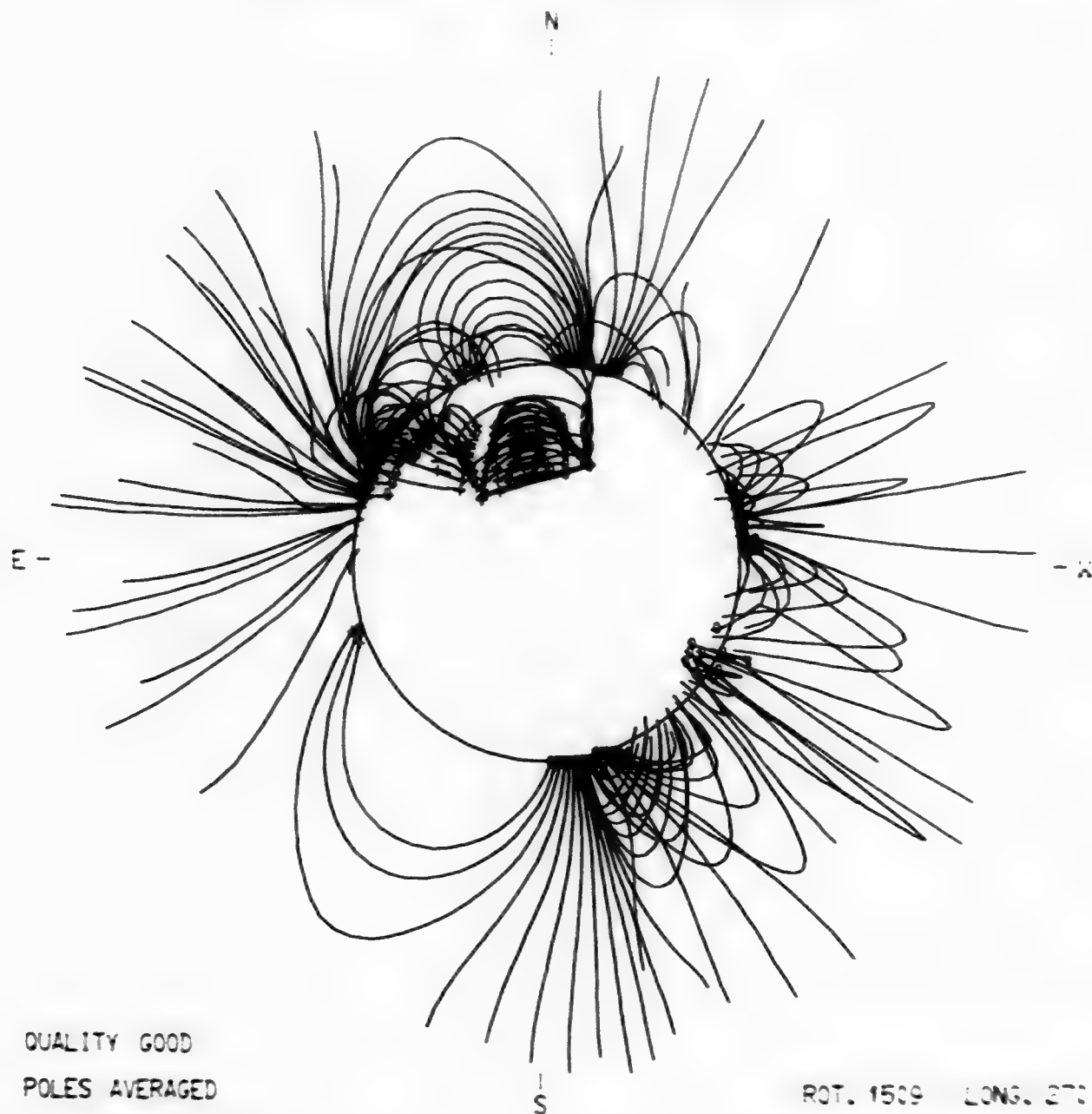


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1508.47

S

ROT. 1509 LONG. 270°
28.8 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

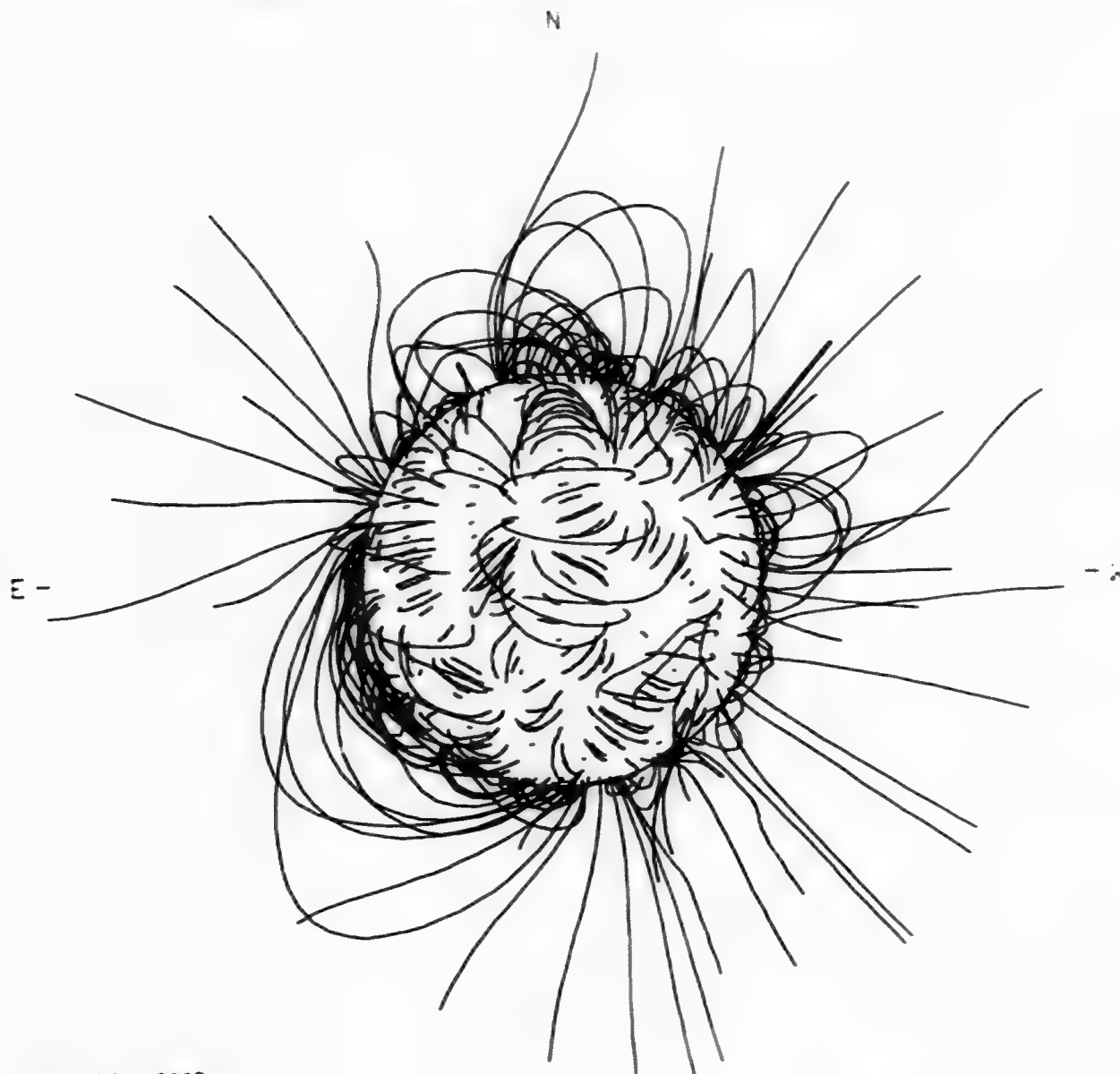
POLES AVERAGED

DATA WINDOW 1508.47

ROT. 1509 LONG. 270°

28.8 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



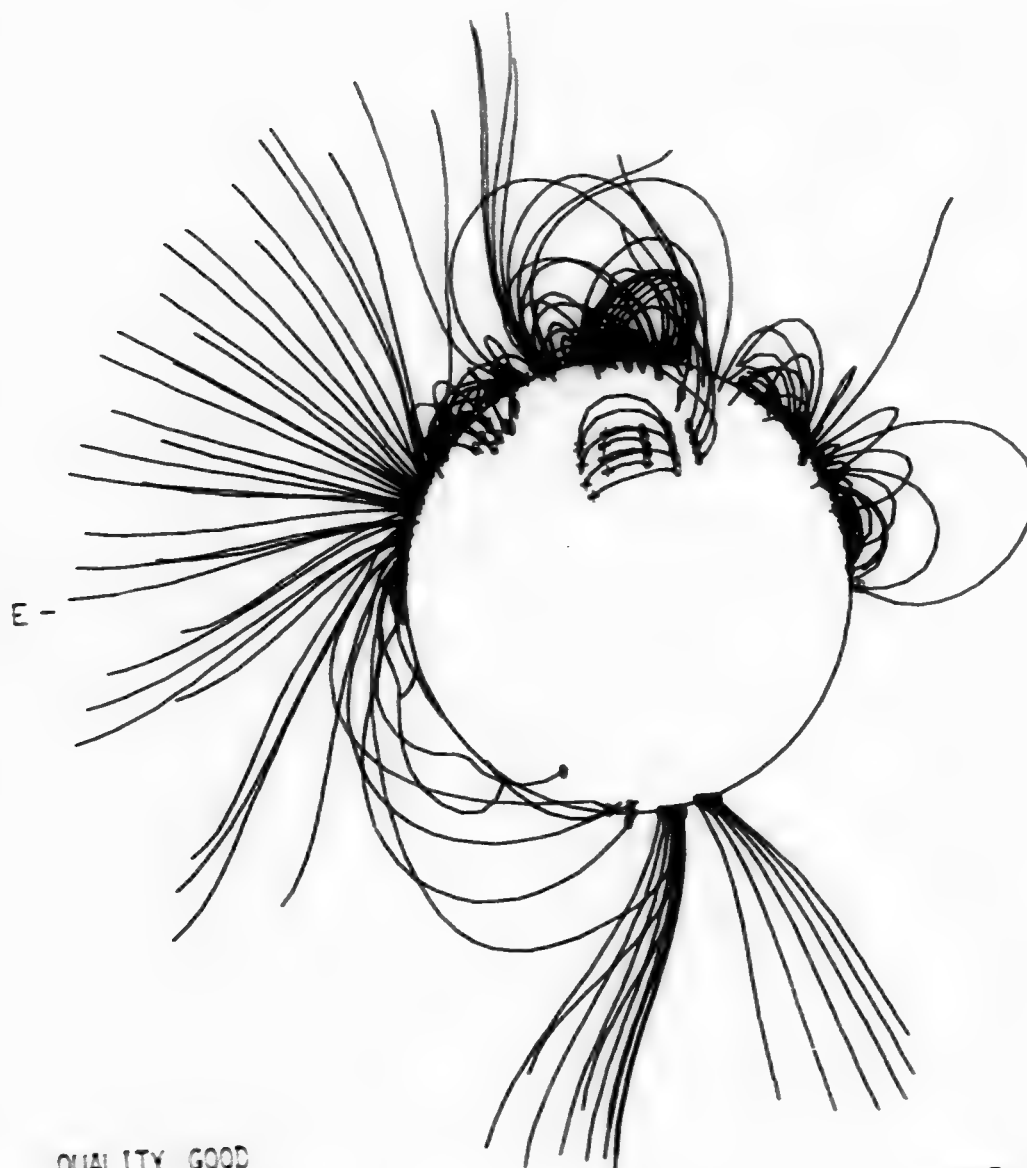
QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

S

ROT. 1509 LONG. 250°
29.6 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

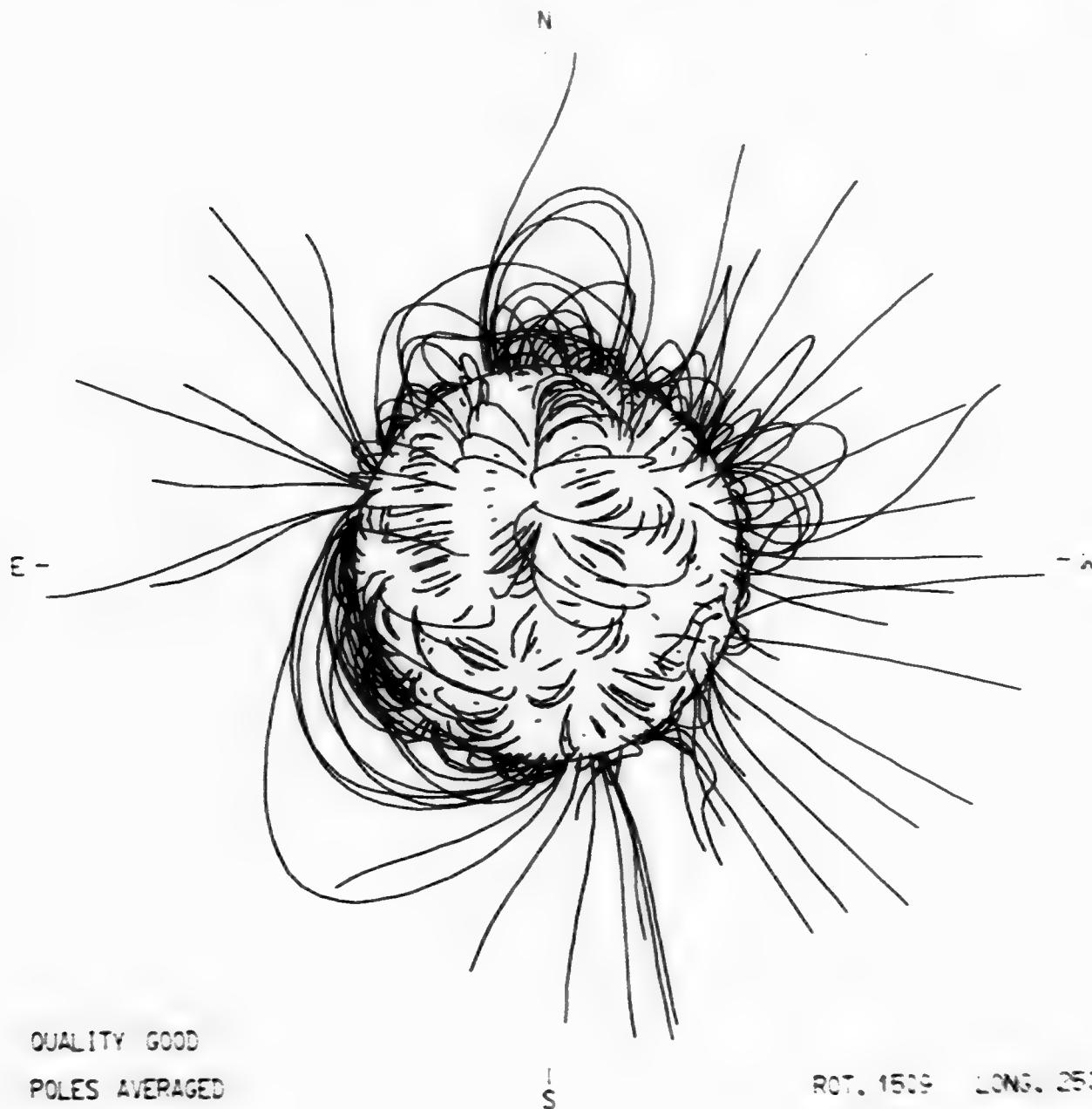
N



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1539 LONG. 262°
29.6 JUN 1966

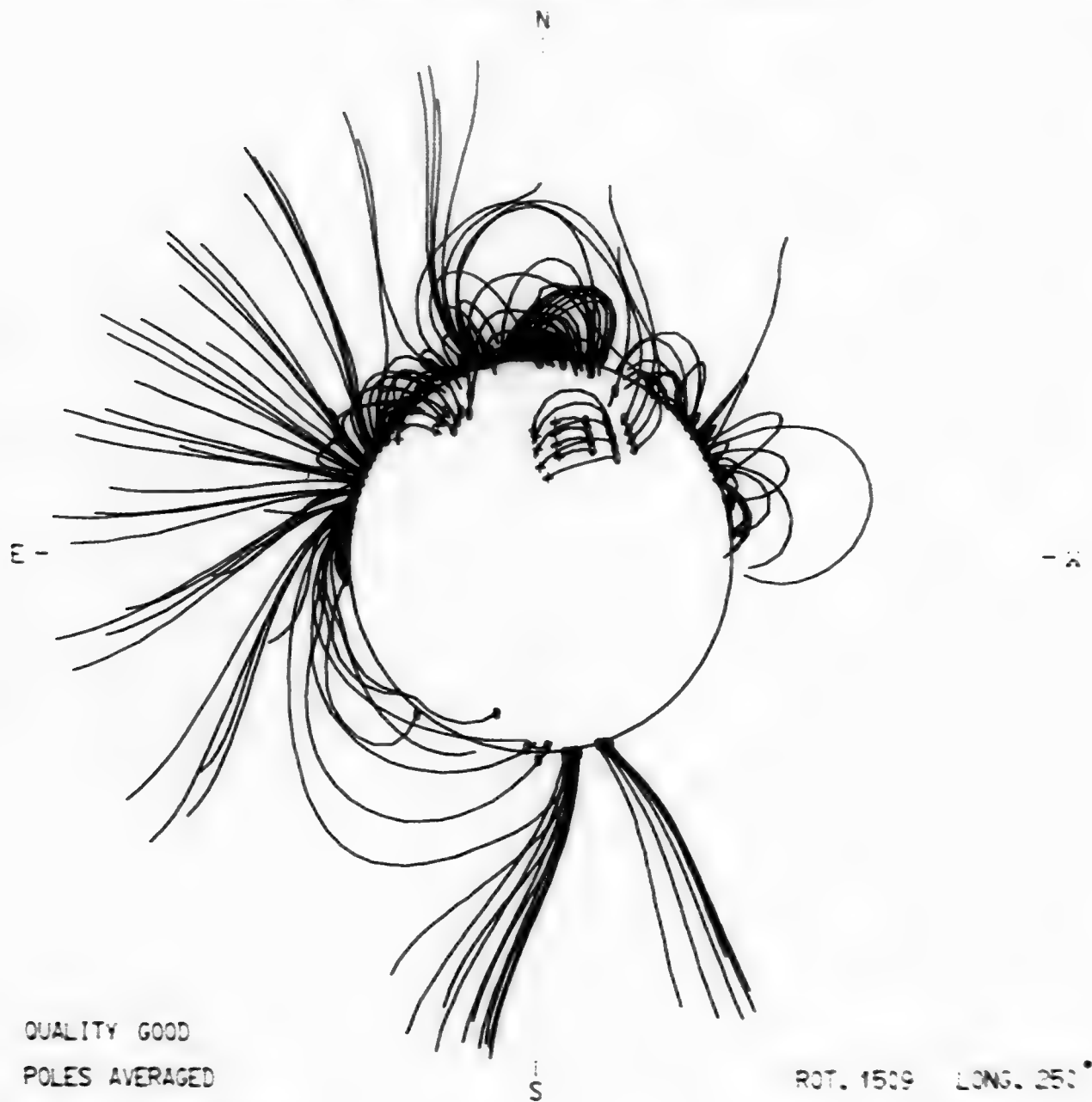
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 250°
30.3 JUN 1966

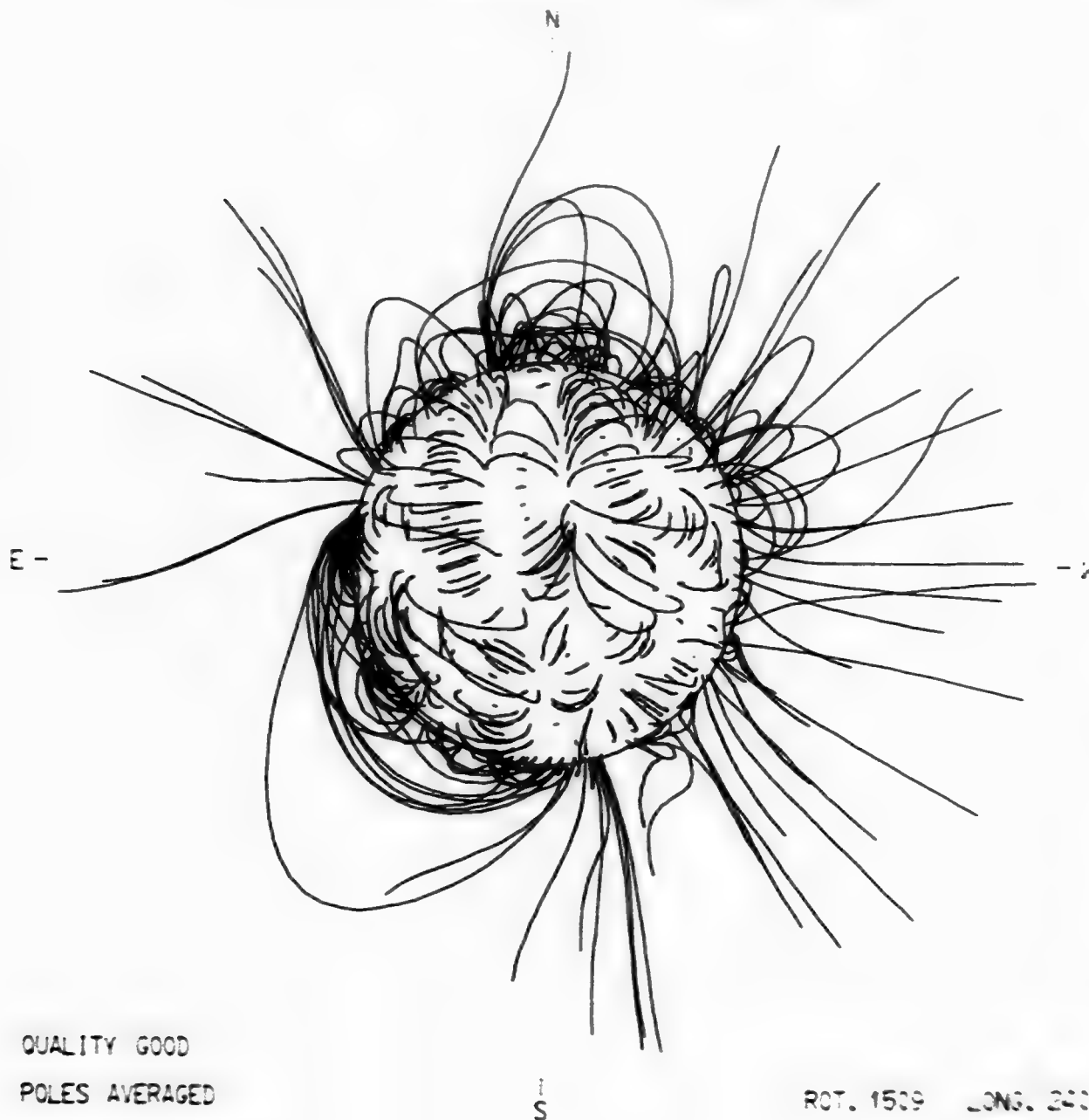
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 250°
30.3 JUN 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 241°
1.1 JUL 1966

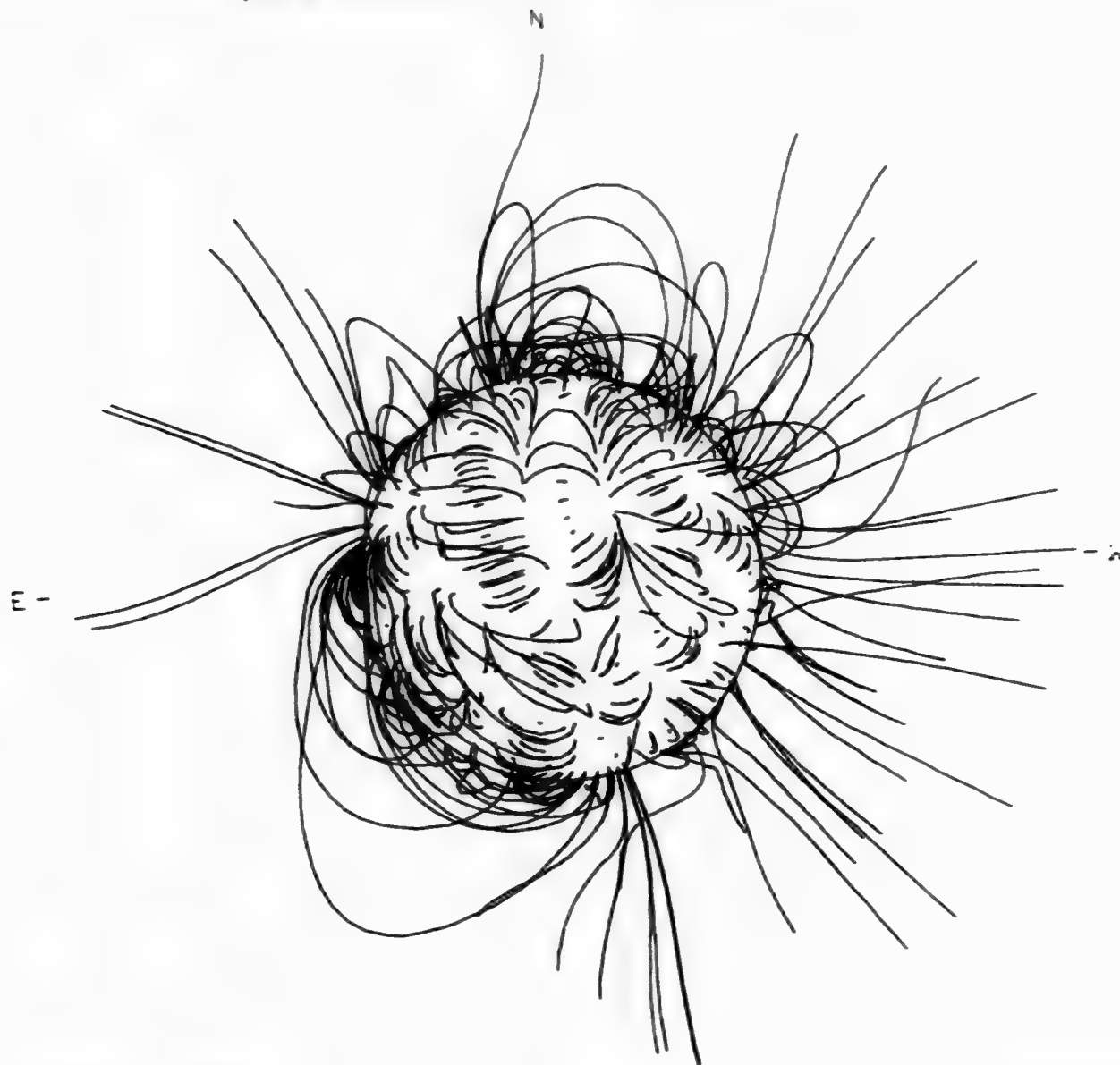
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1539 LONG. 240°
1.1 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

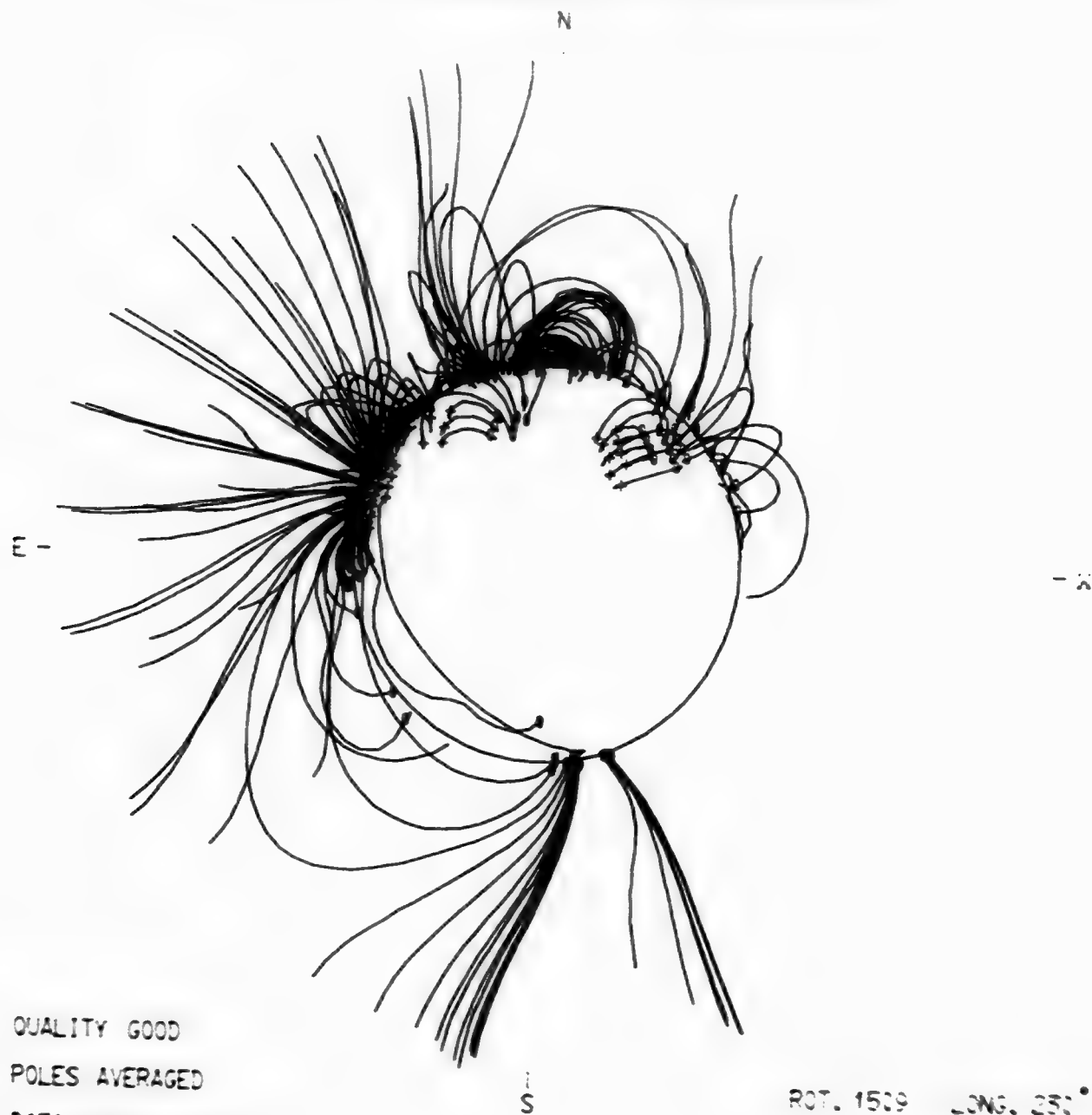


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

S

ROT. 1509 LONG. 250°
1.8 JUL 1966

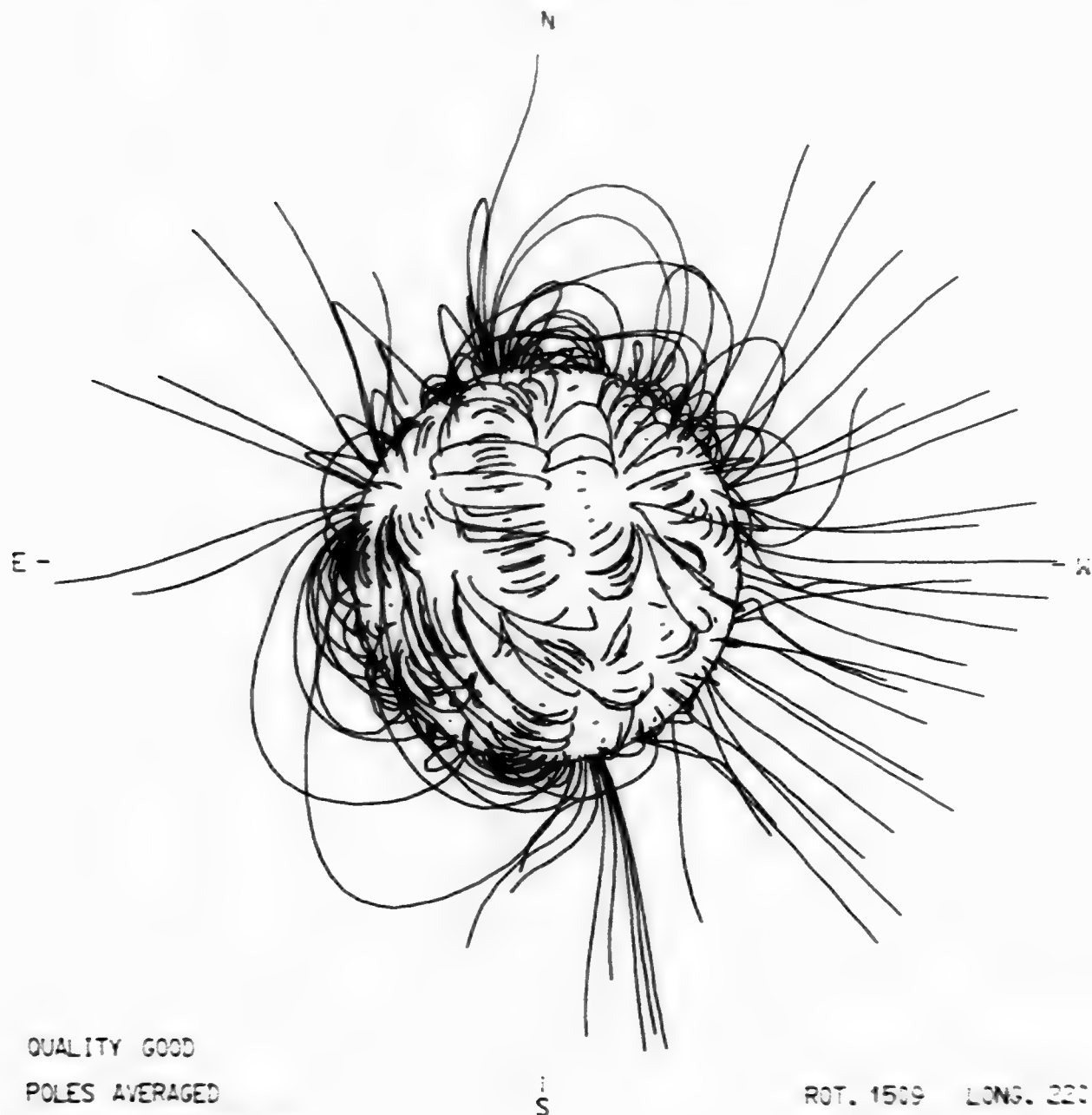
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 231°
1.8 JUL 1966

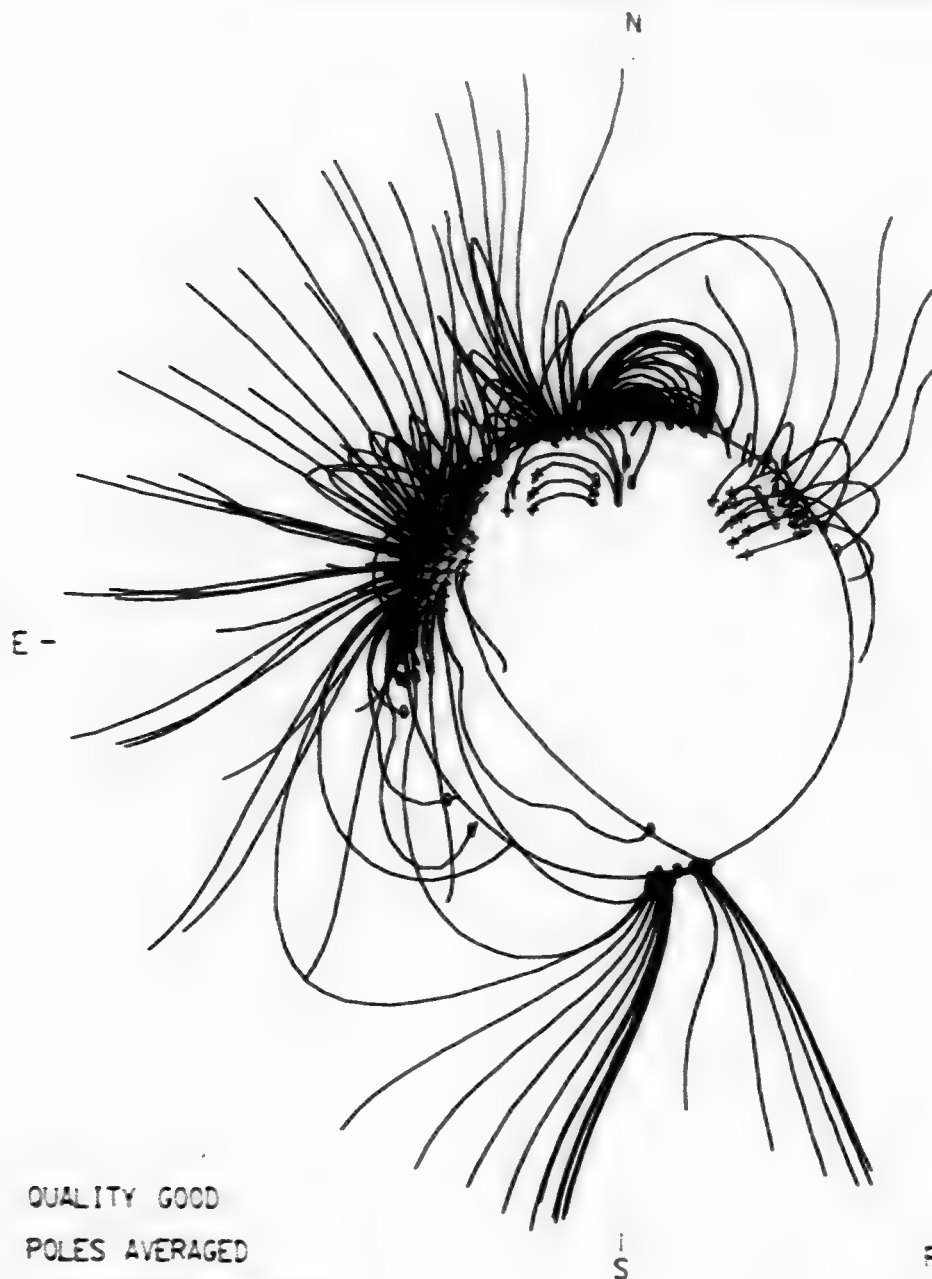
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 220°
2.6 JUL 1966

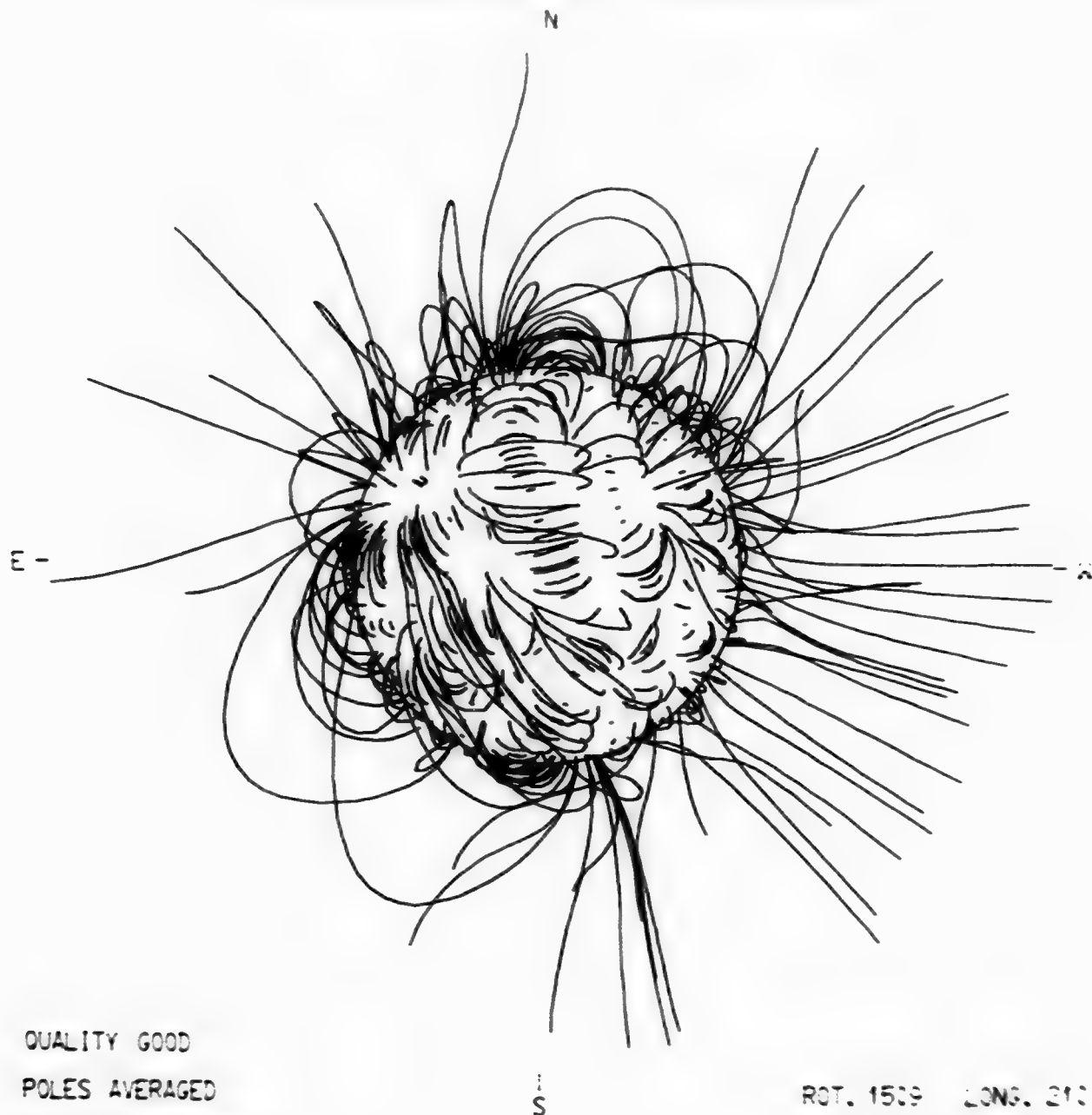
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 221°
2.6 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

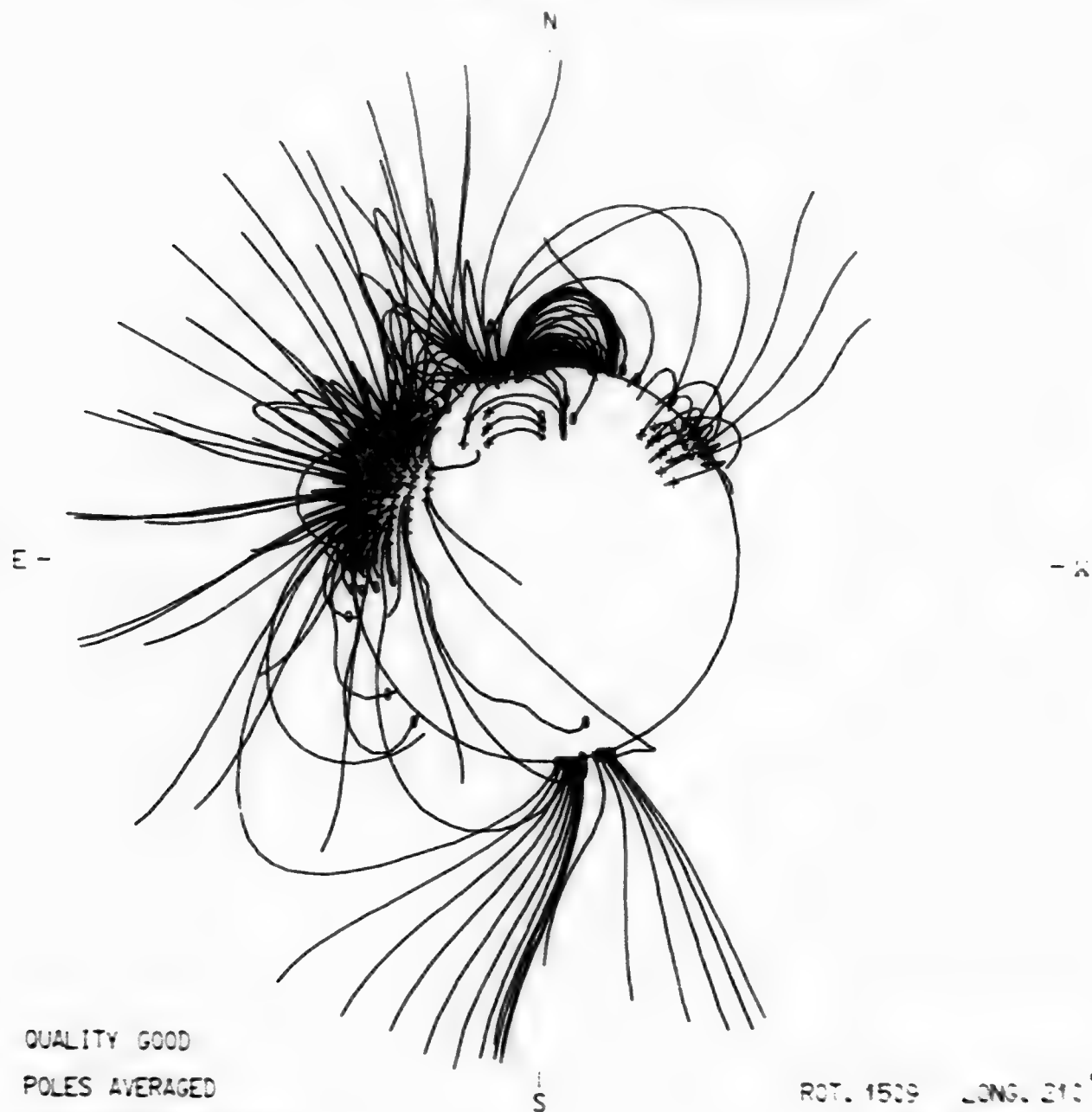
POLES AVERAGED

DATA WINDOW 1509.00

ROT. 1509 LONG. 210°

3.3 JUL 1966

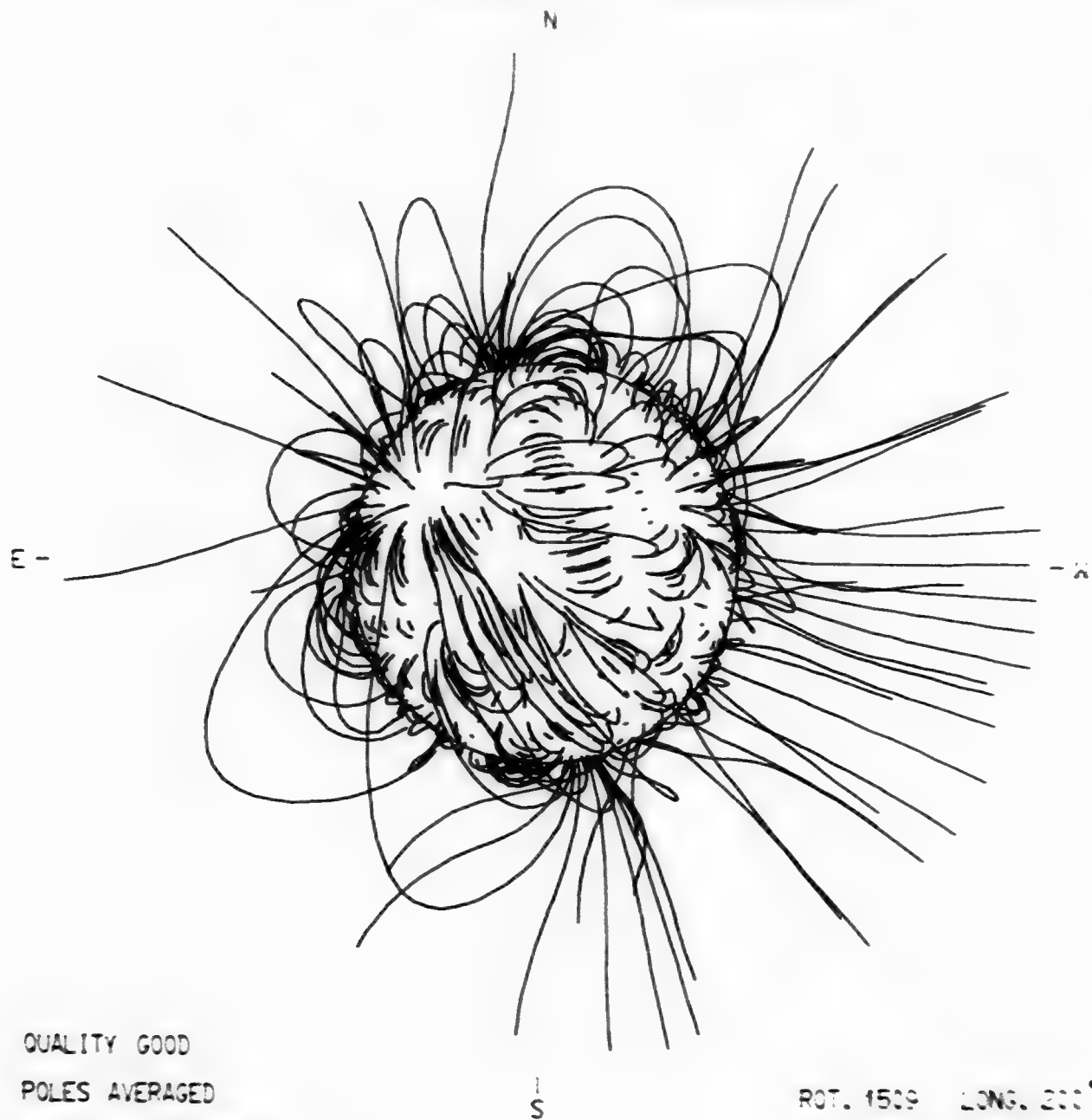
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1539 LONG. 211°
3.3 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

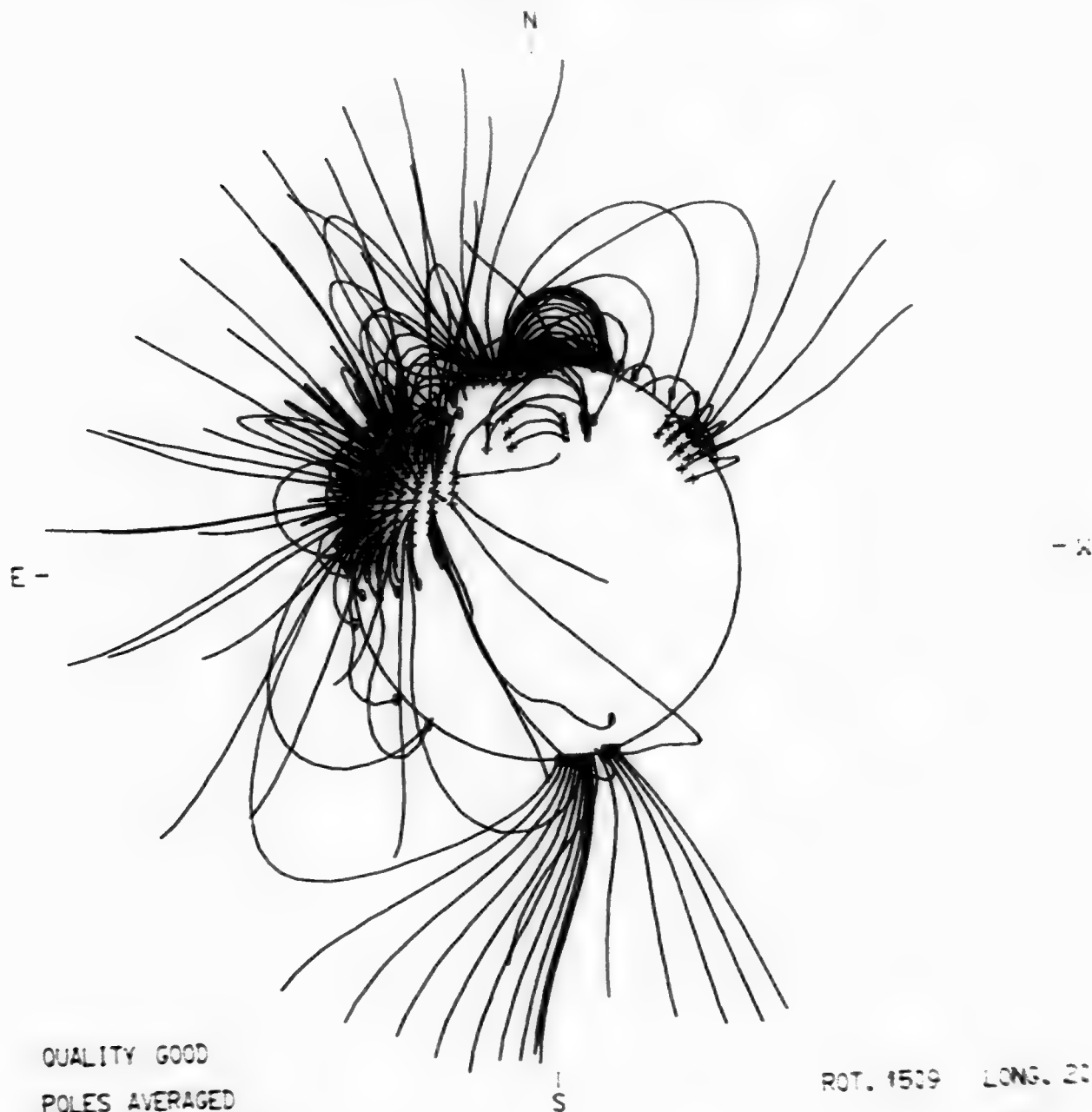
POLES AVERAGED

DATA WINDOW 1509.00

ROT. 1509 LONG. 200°

4.1 JUL 1966

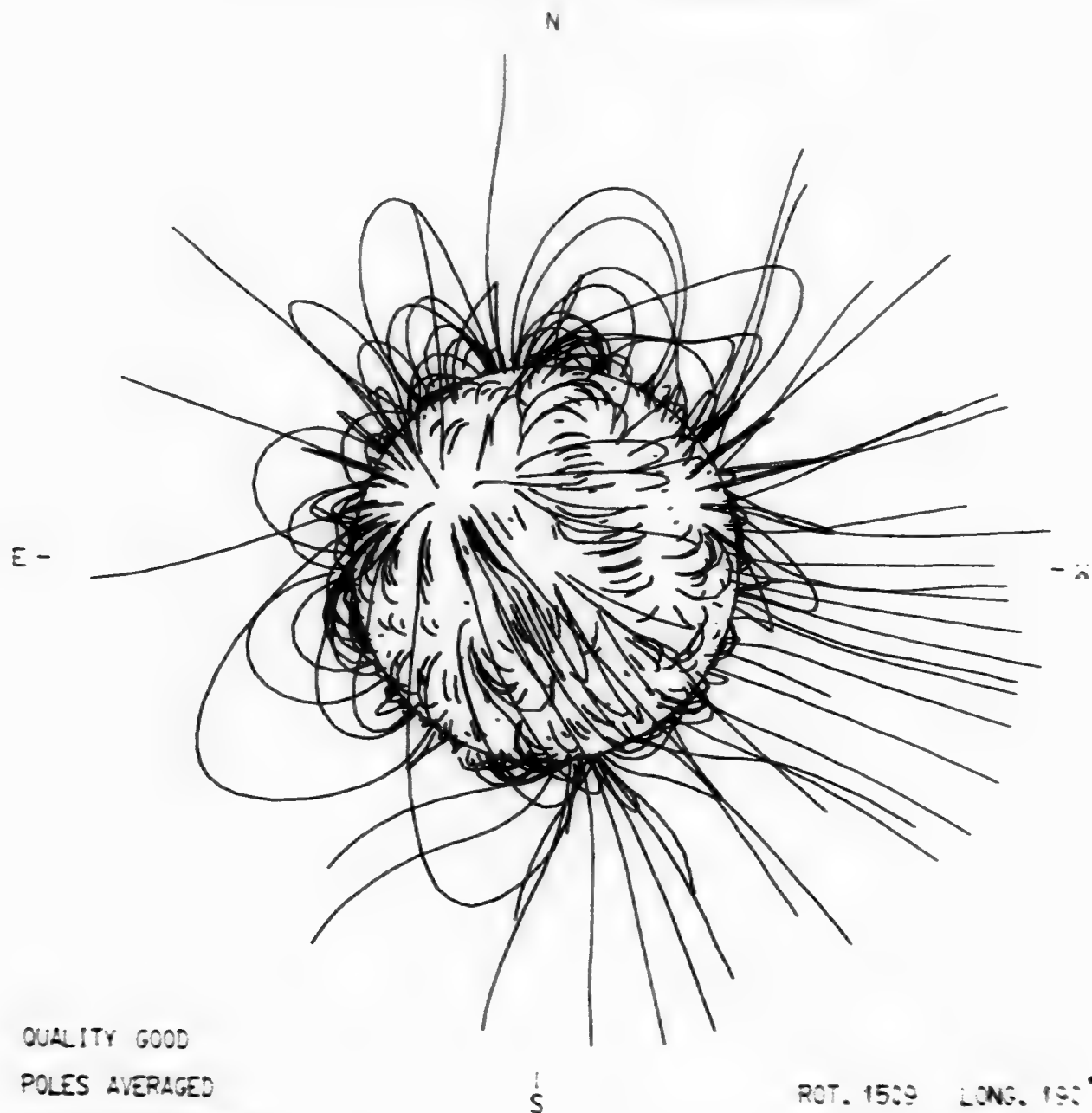
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1539 LONG. 200°
4.1 JUL 1966

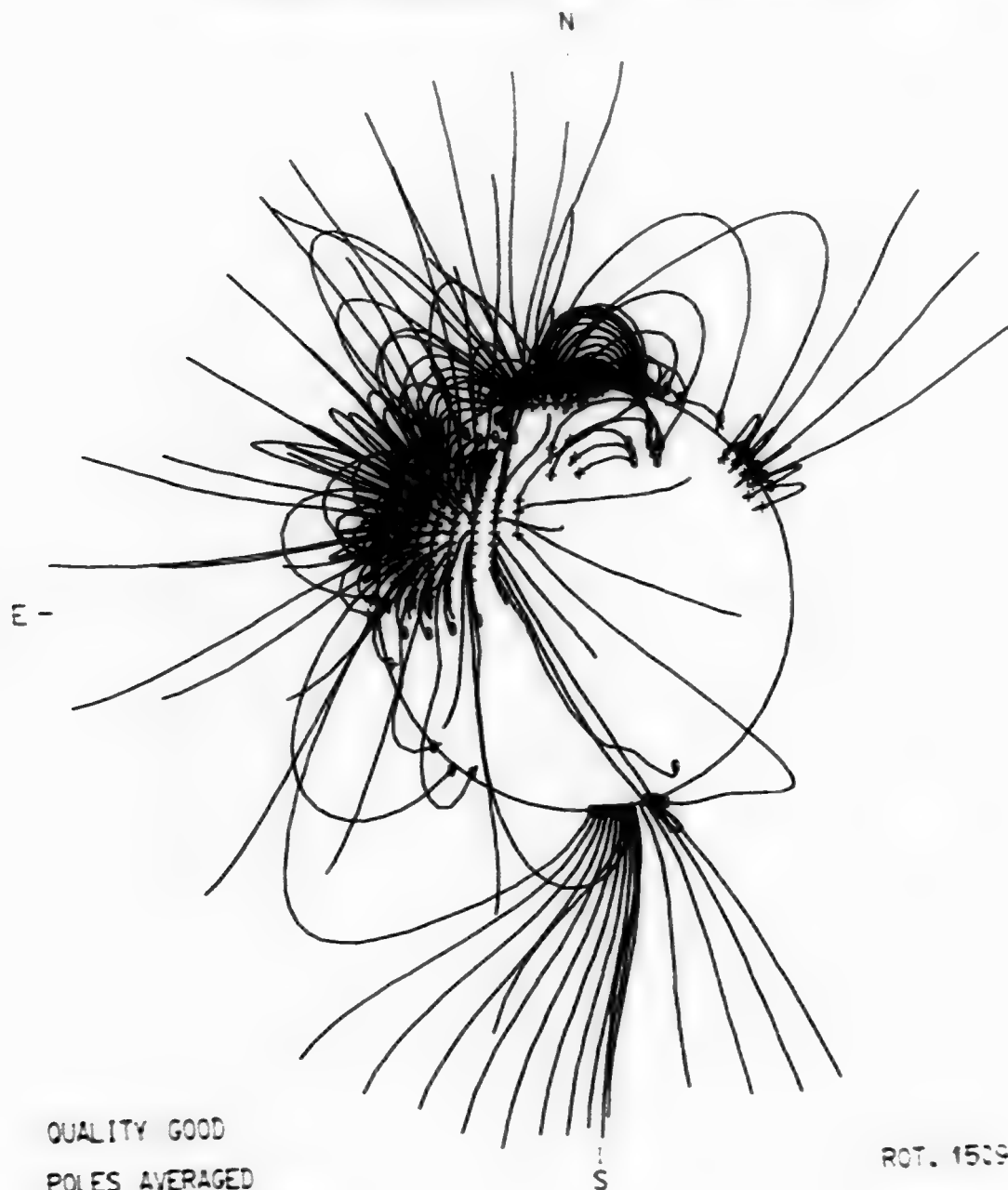
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1539 LONG. 192°
4.9 JUL 1966

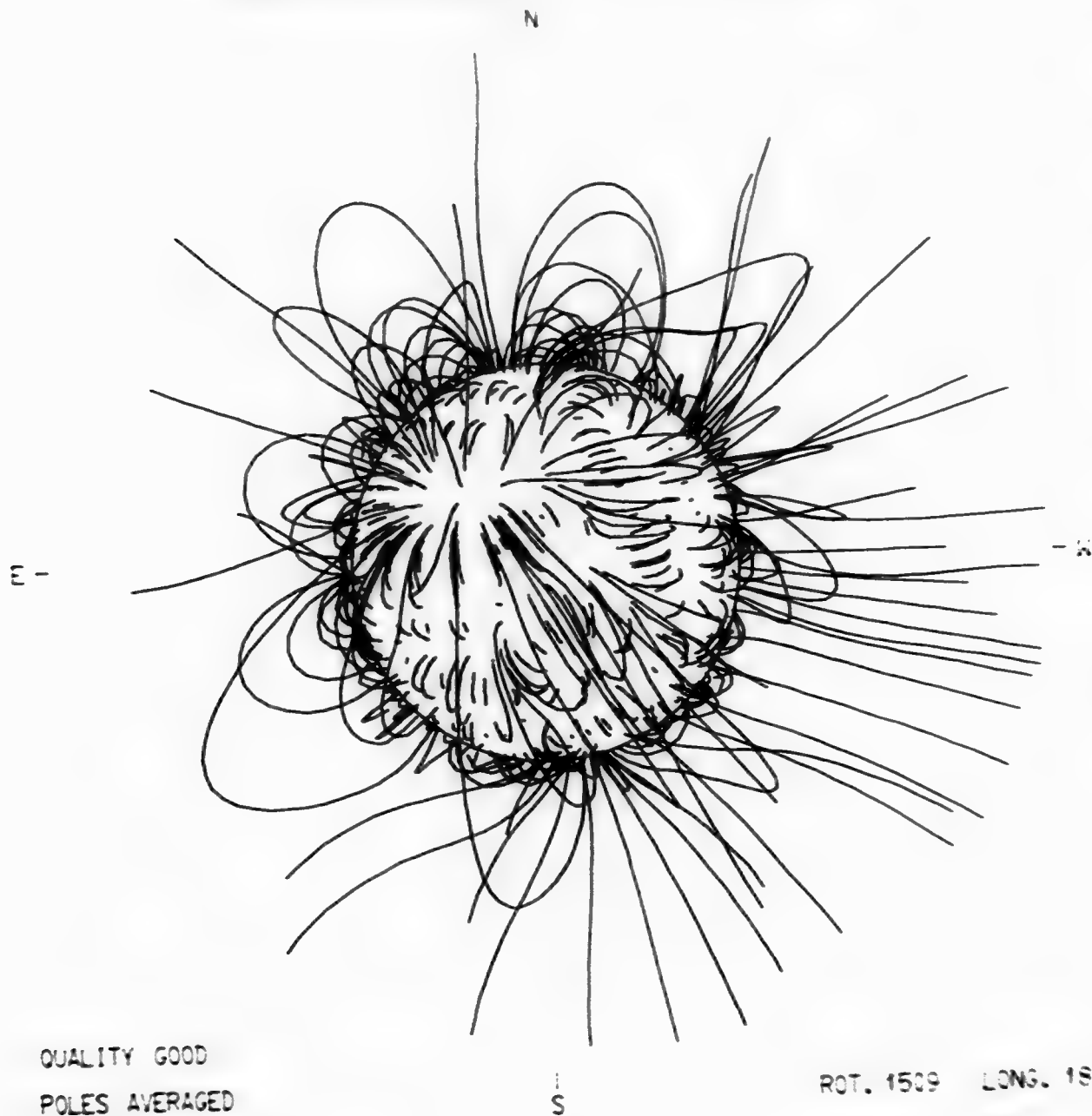
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1529 LONG. 192°
4.9 JUL 1966

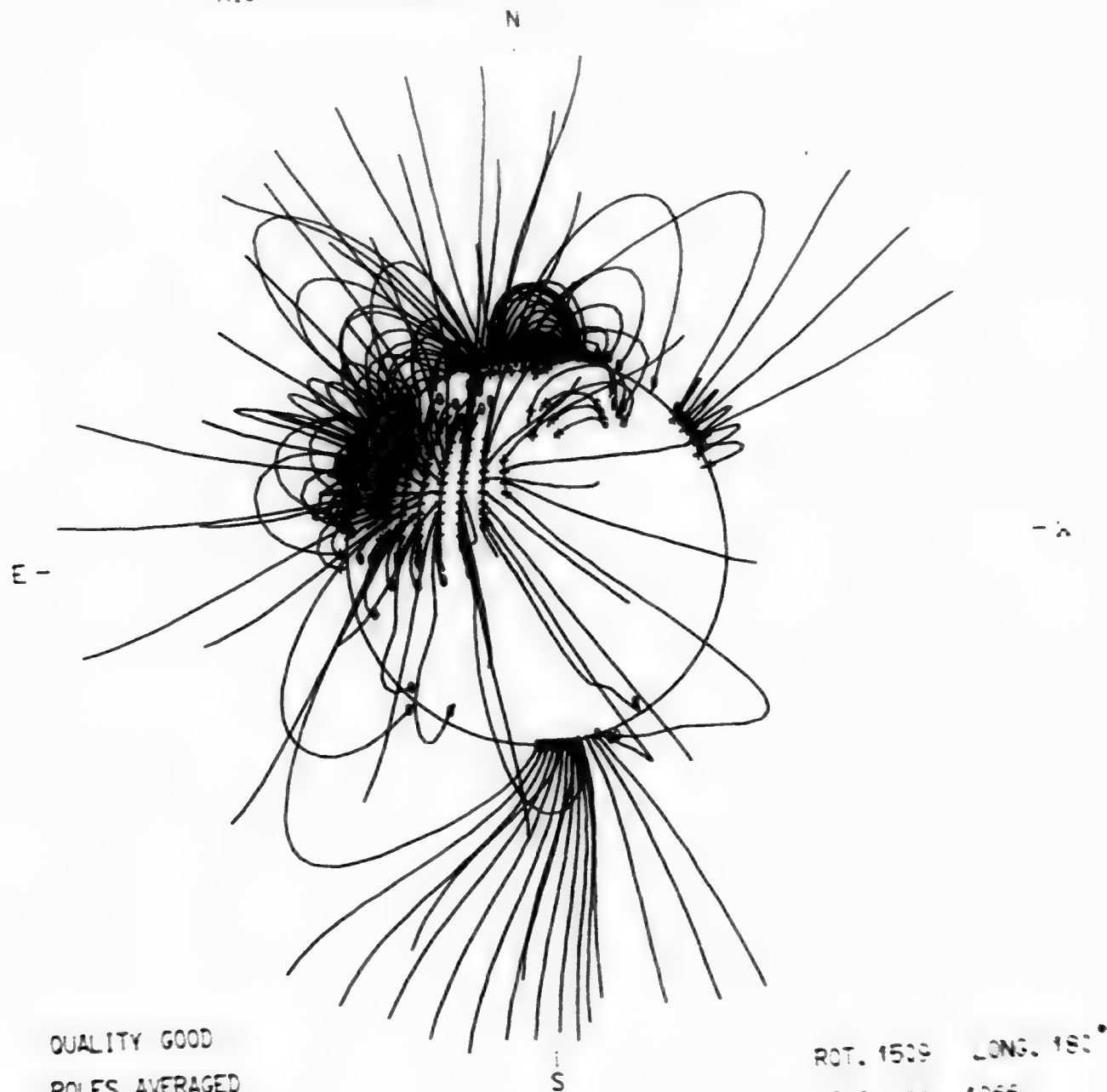
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 180°
5.6 JUL 1966

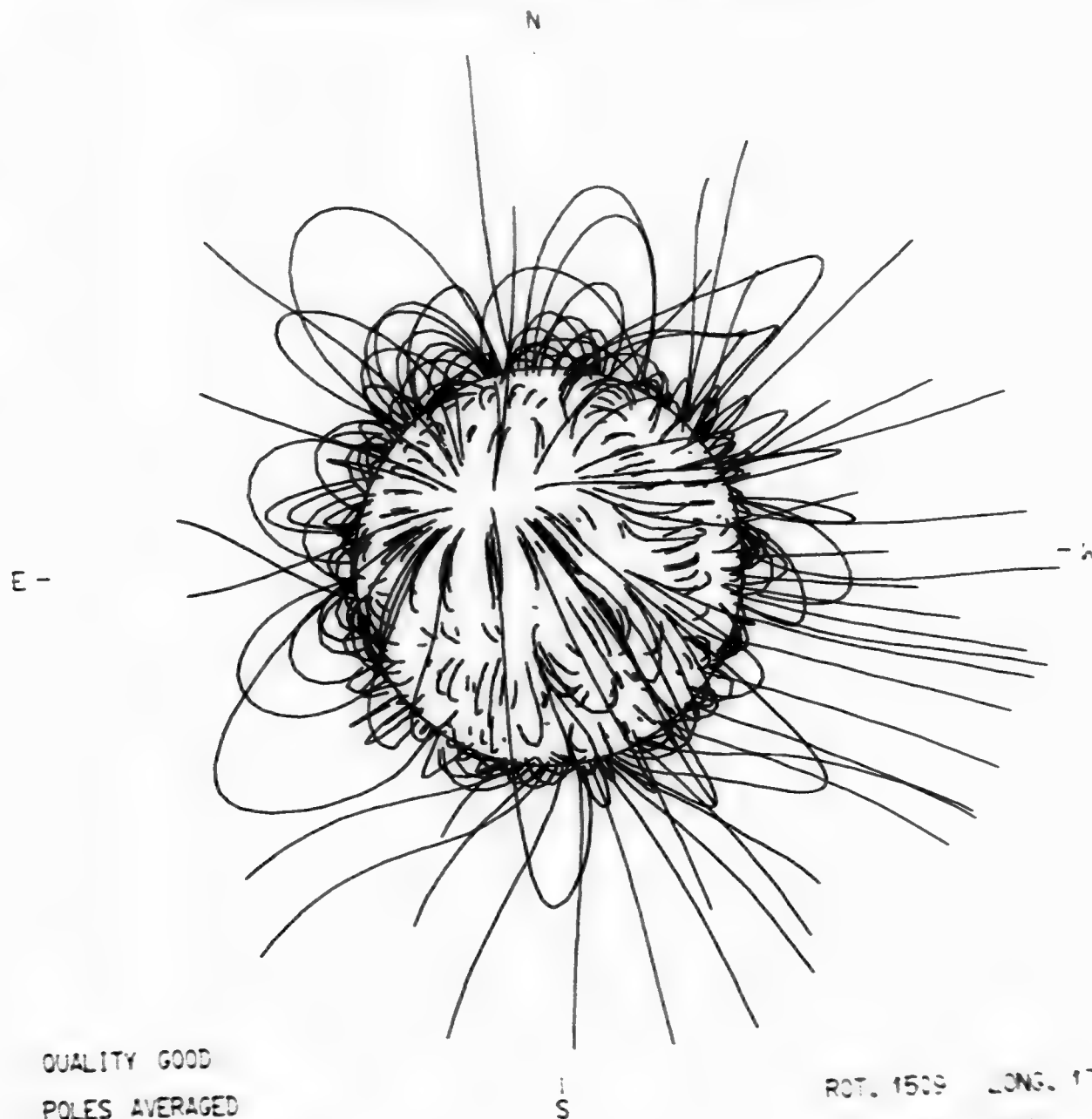
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 180°
5.6 JUL 1966

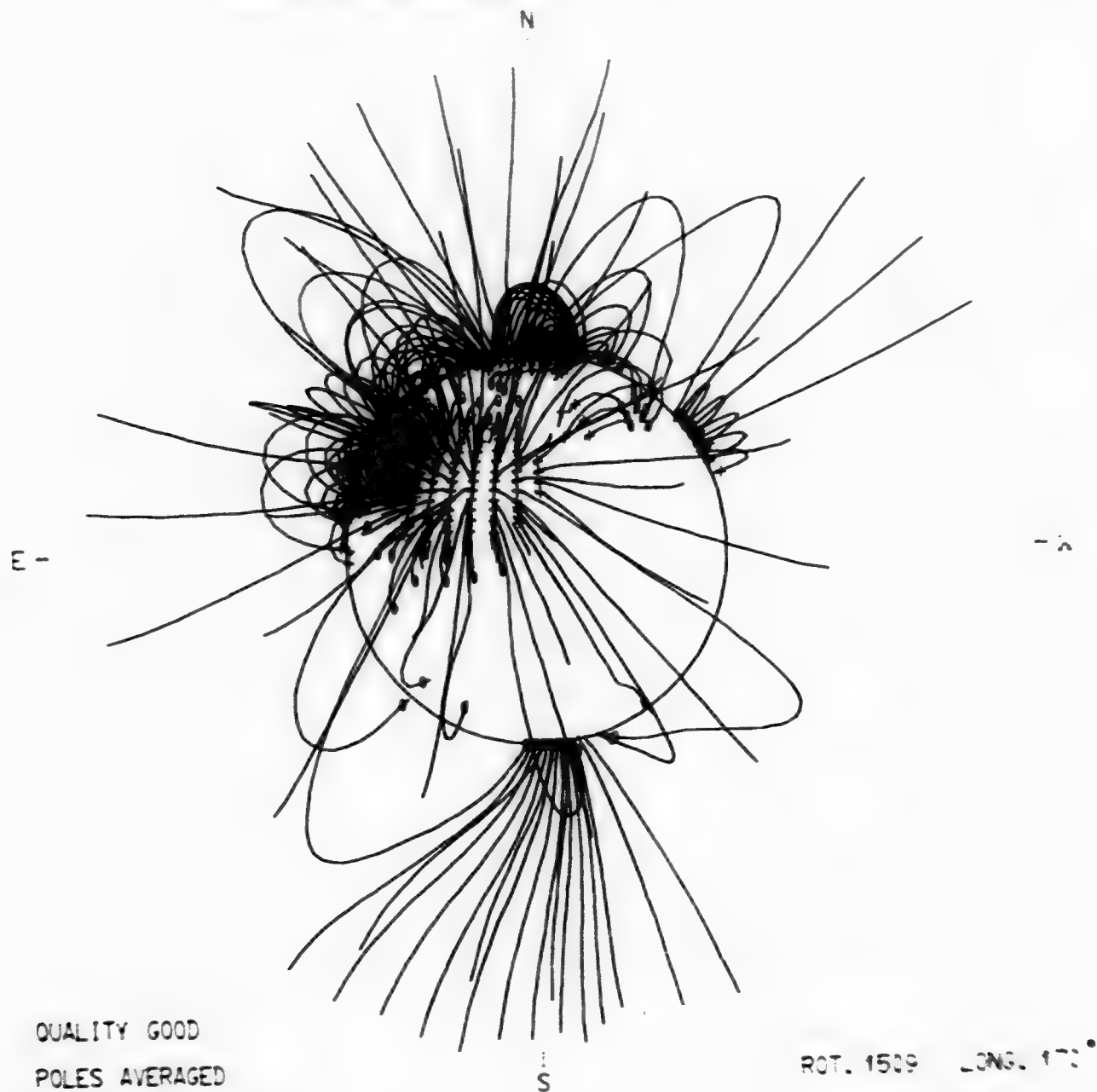
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 173°
6.4 JUL 1966

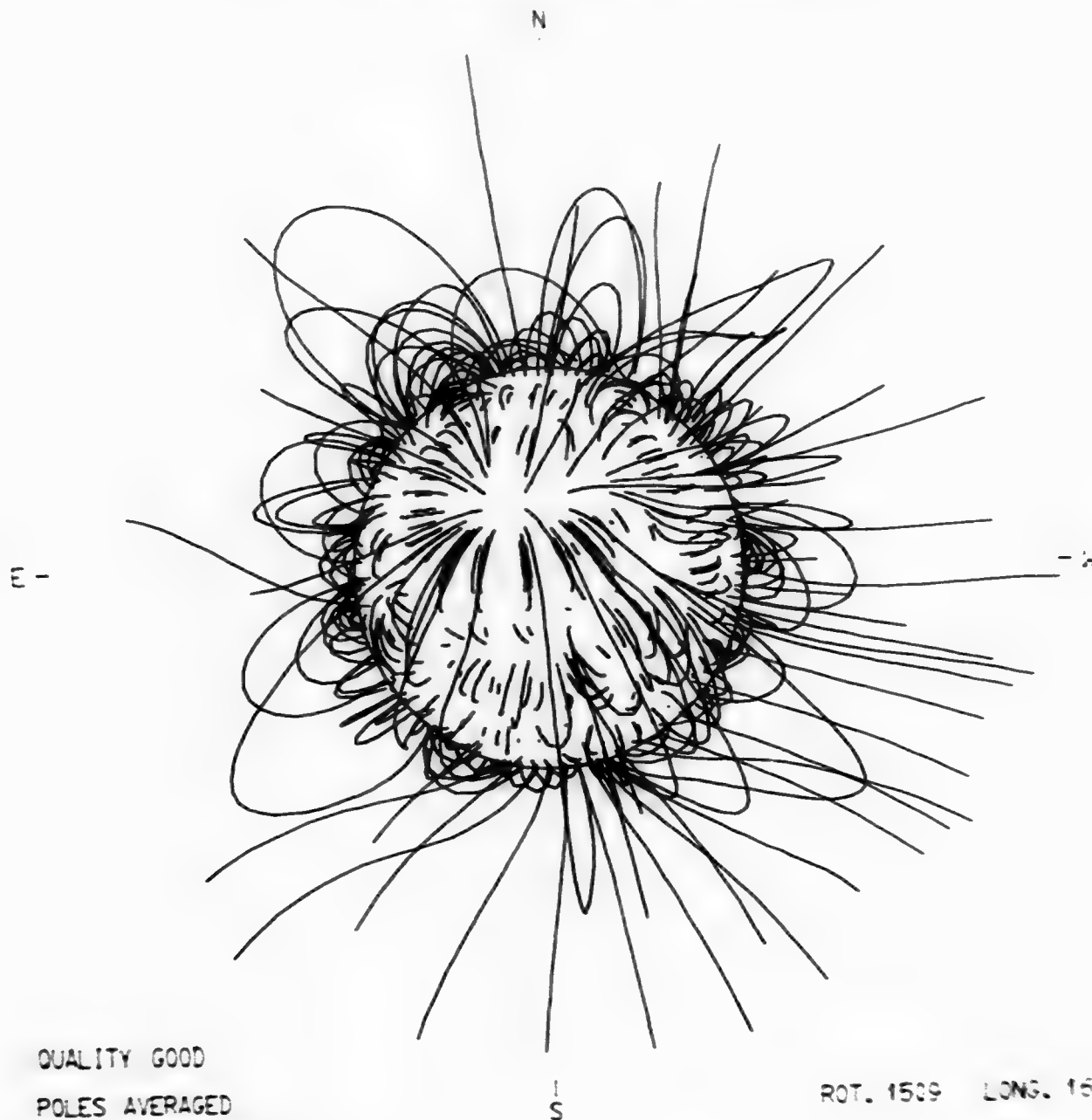
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 170°
6.4 JUL 1966

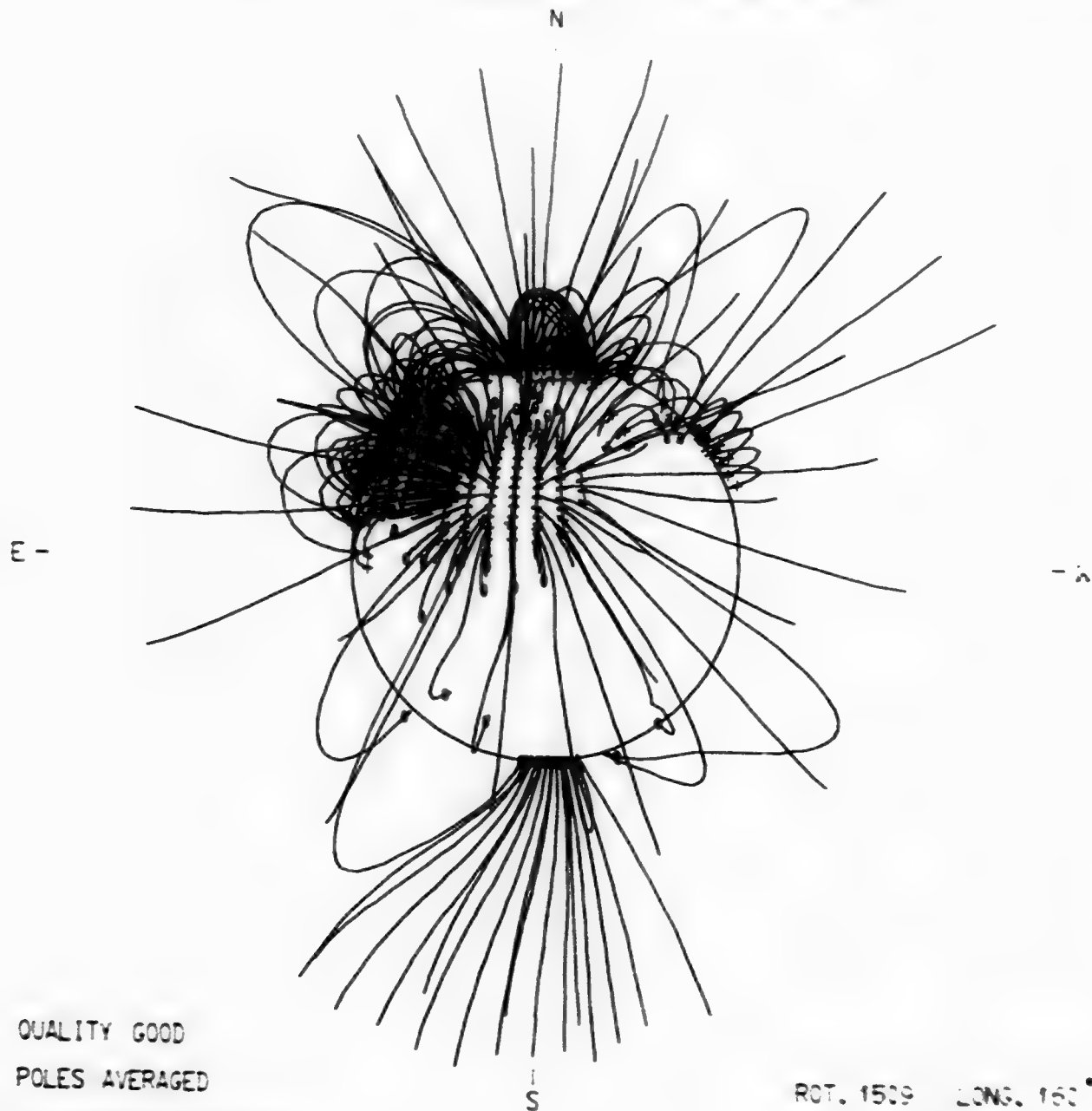
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 160°
7.1 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 160°
7.1 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

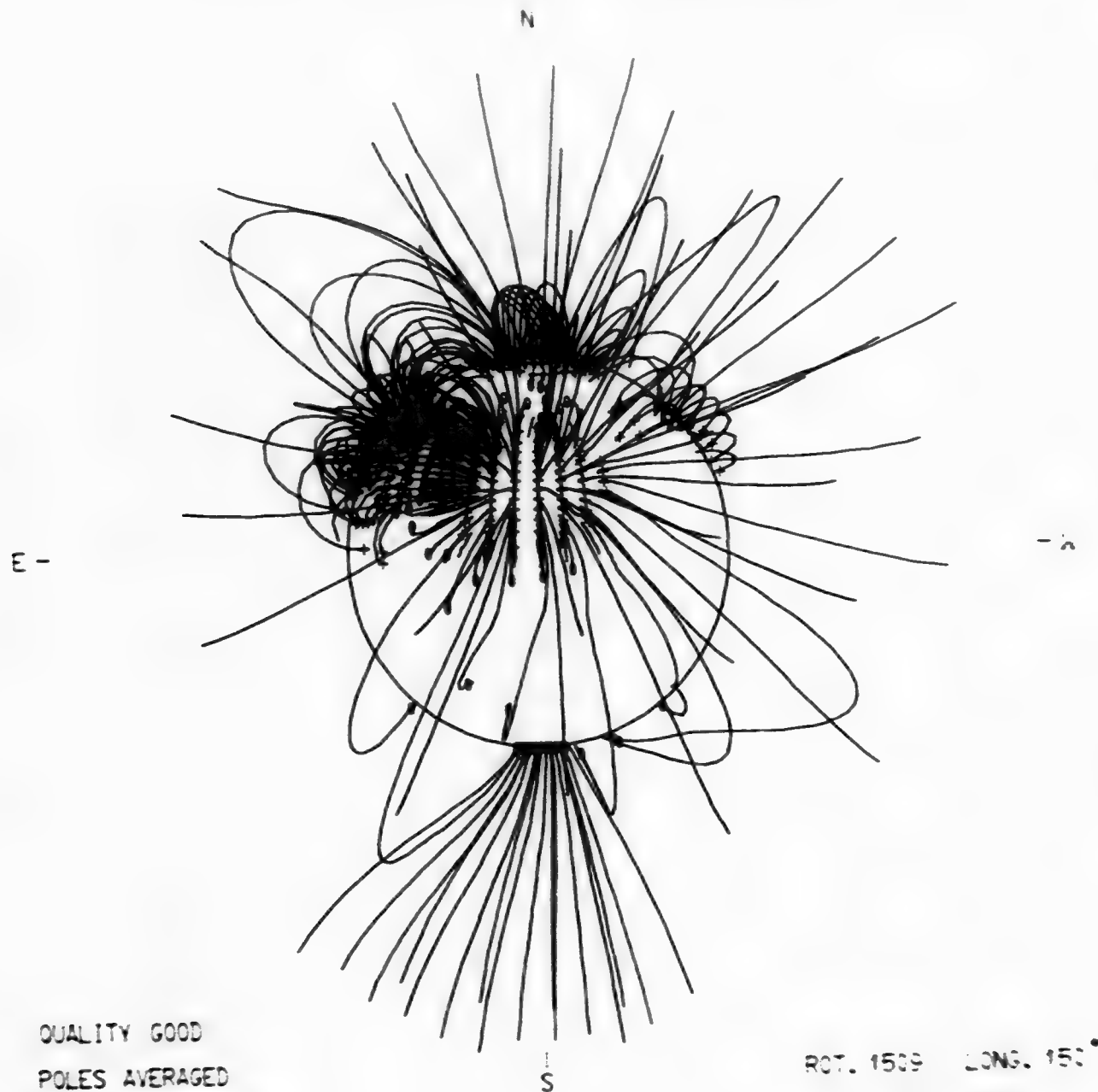


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

S

ROT. 1509 LONG. 150°
7.9 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

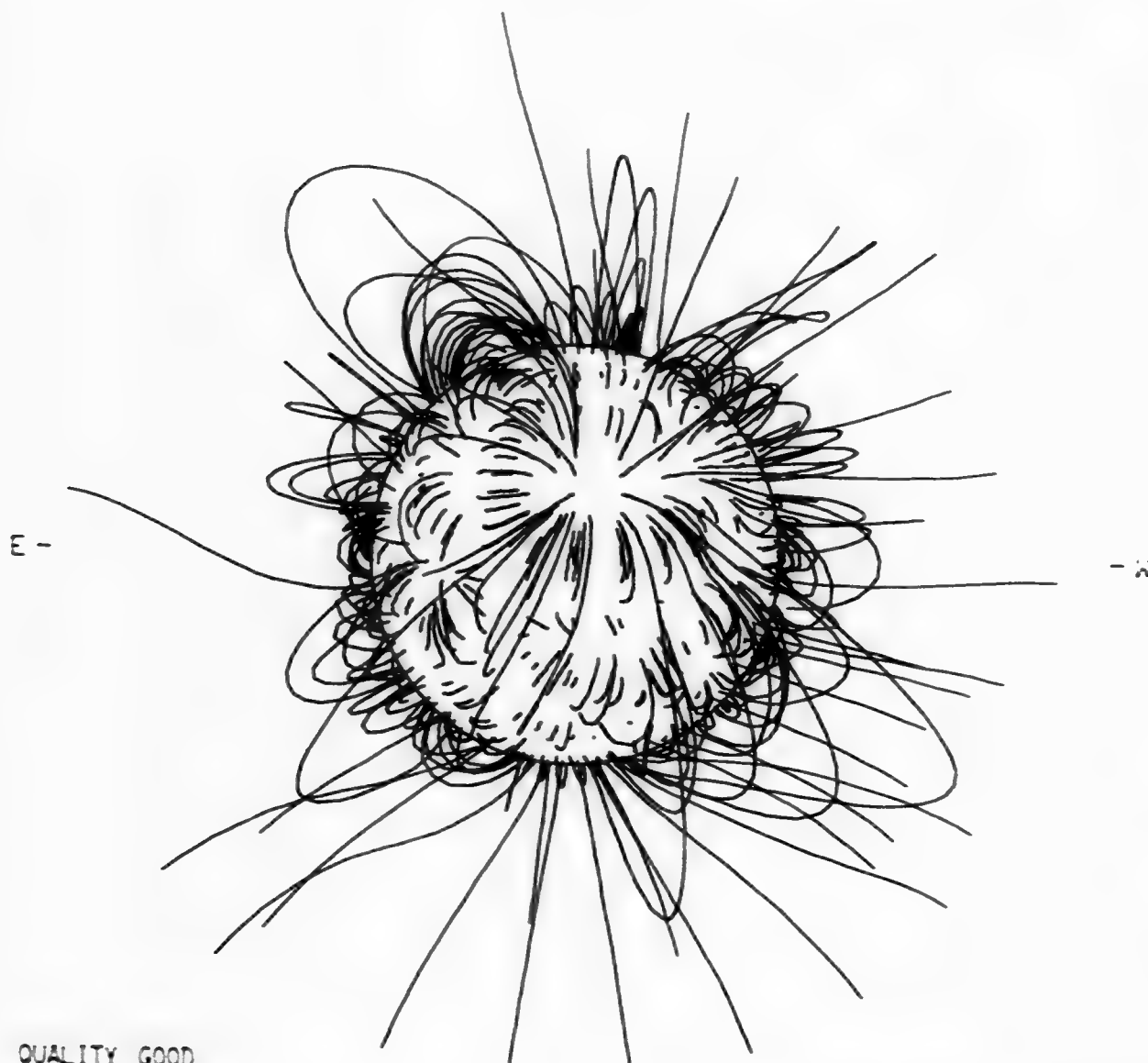


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 150°
7.9 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

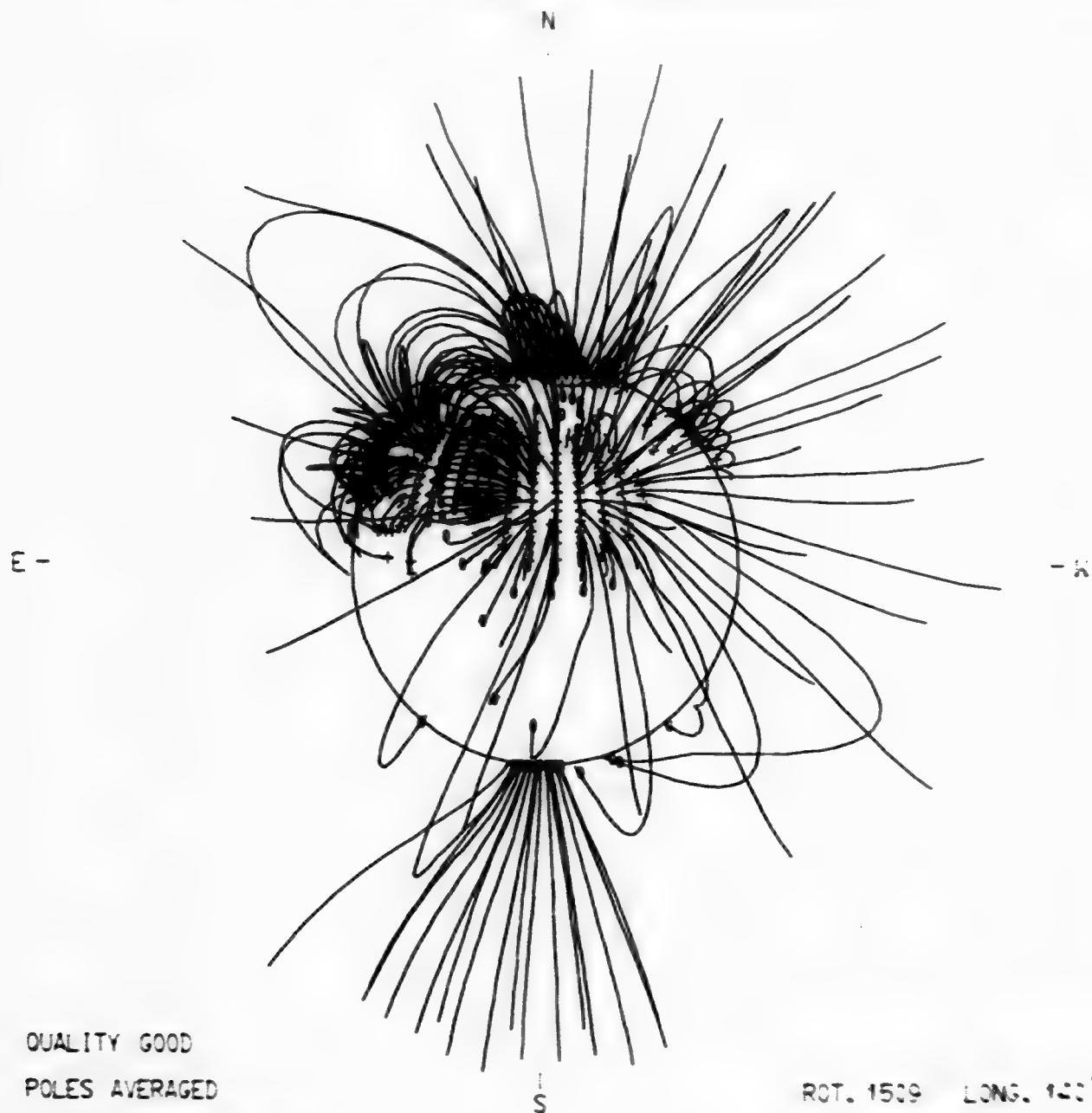


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

S

ROT. 1509 LONG. 140°
8.7 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

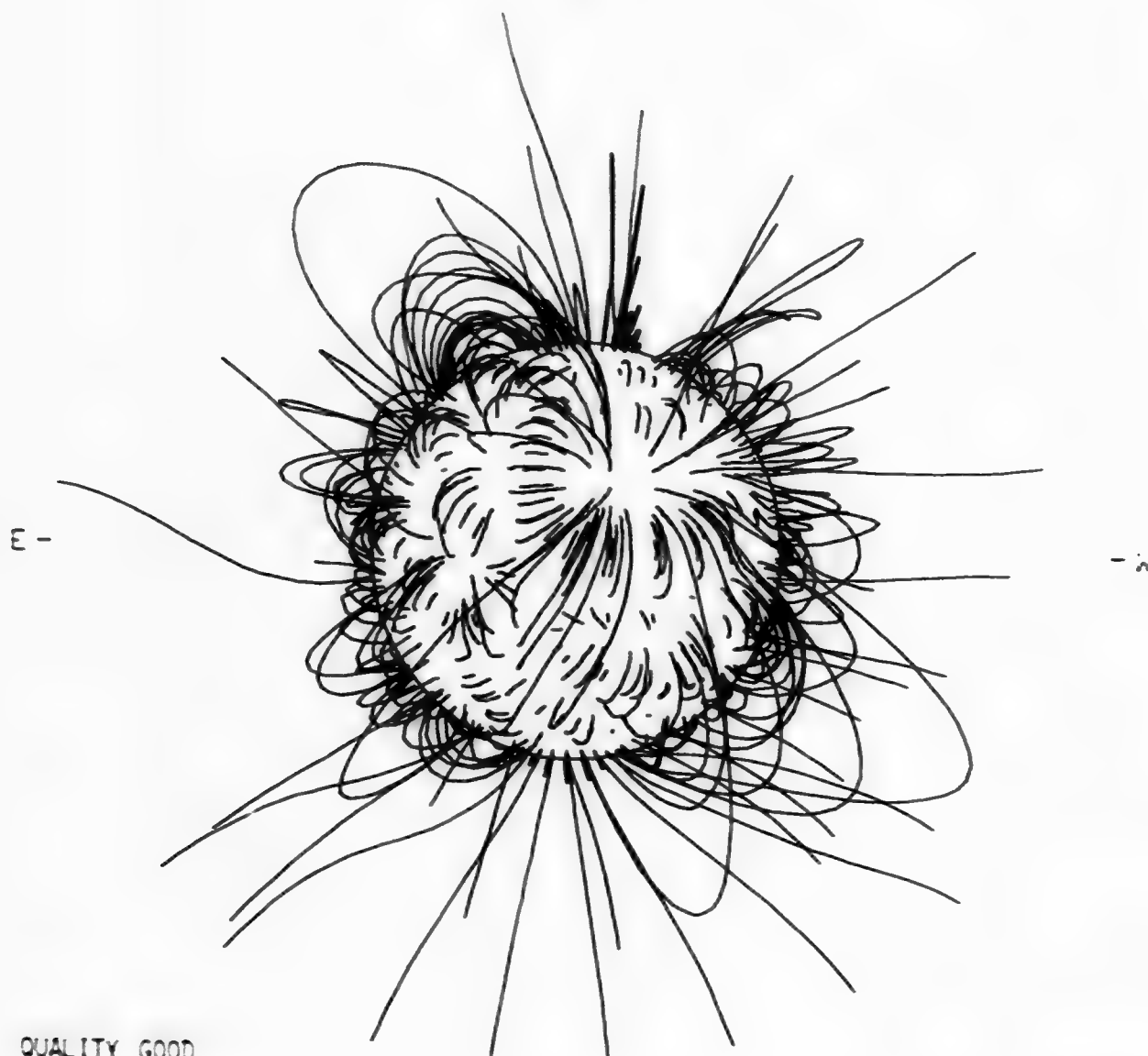


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 120°
8.7 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

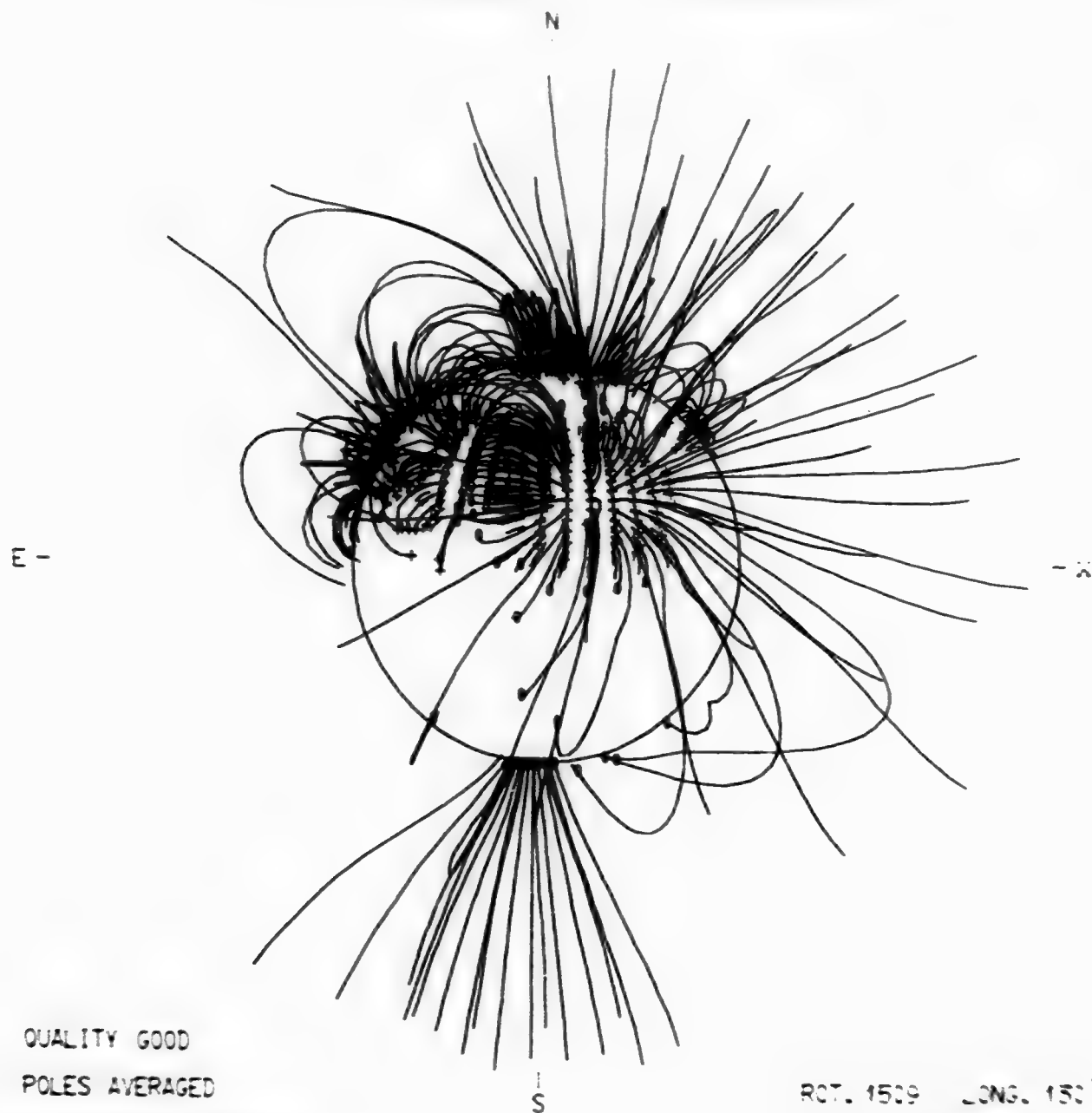


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

S

ROT. 1509 LONG. 150°
9.4 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD

POLES AVERAGED

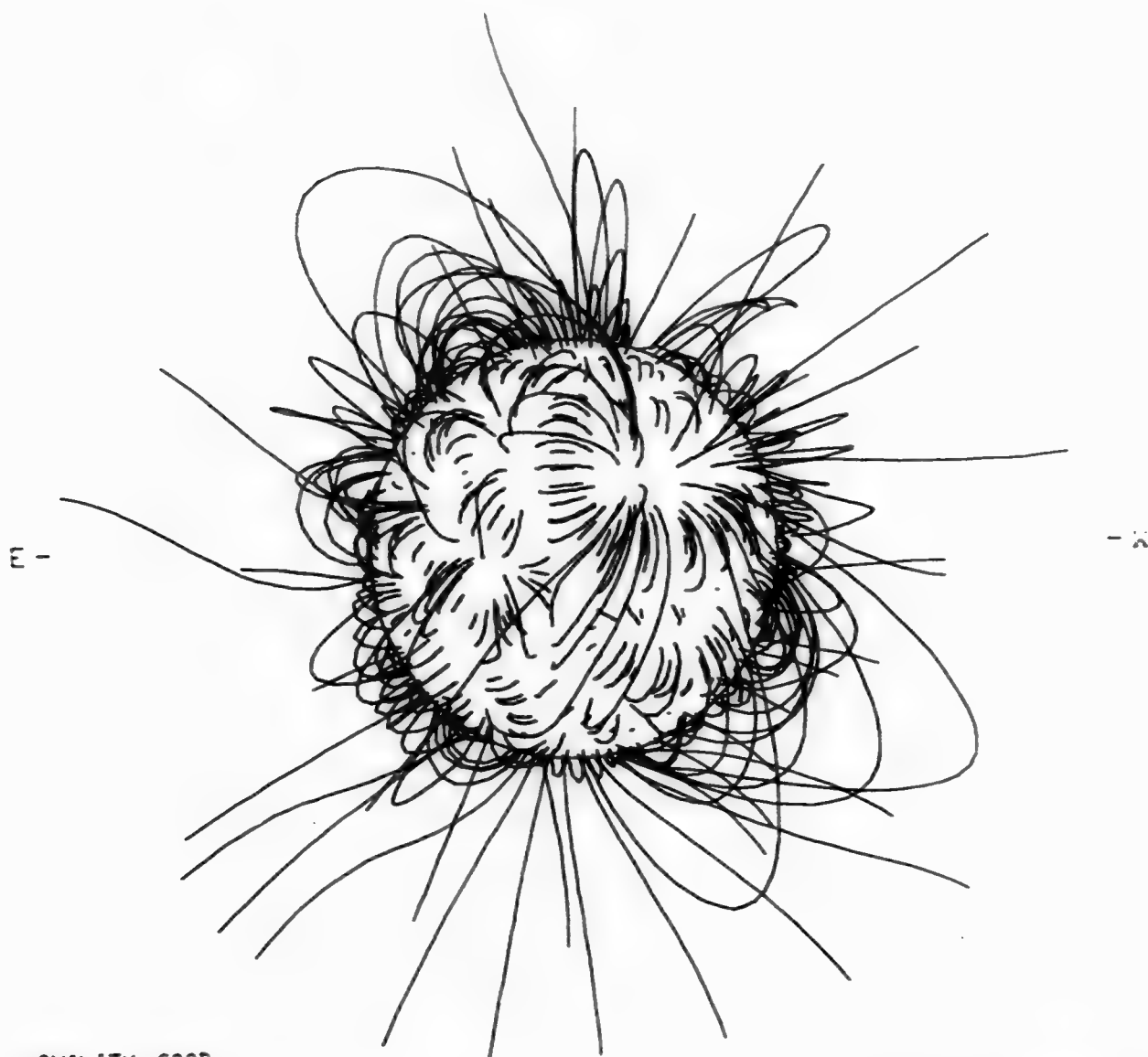
DATA WINDOW 1509.00

ROT. 1509 LONG. 150°

9.4 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

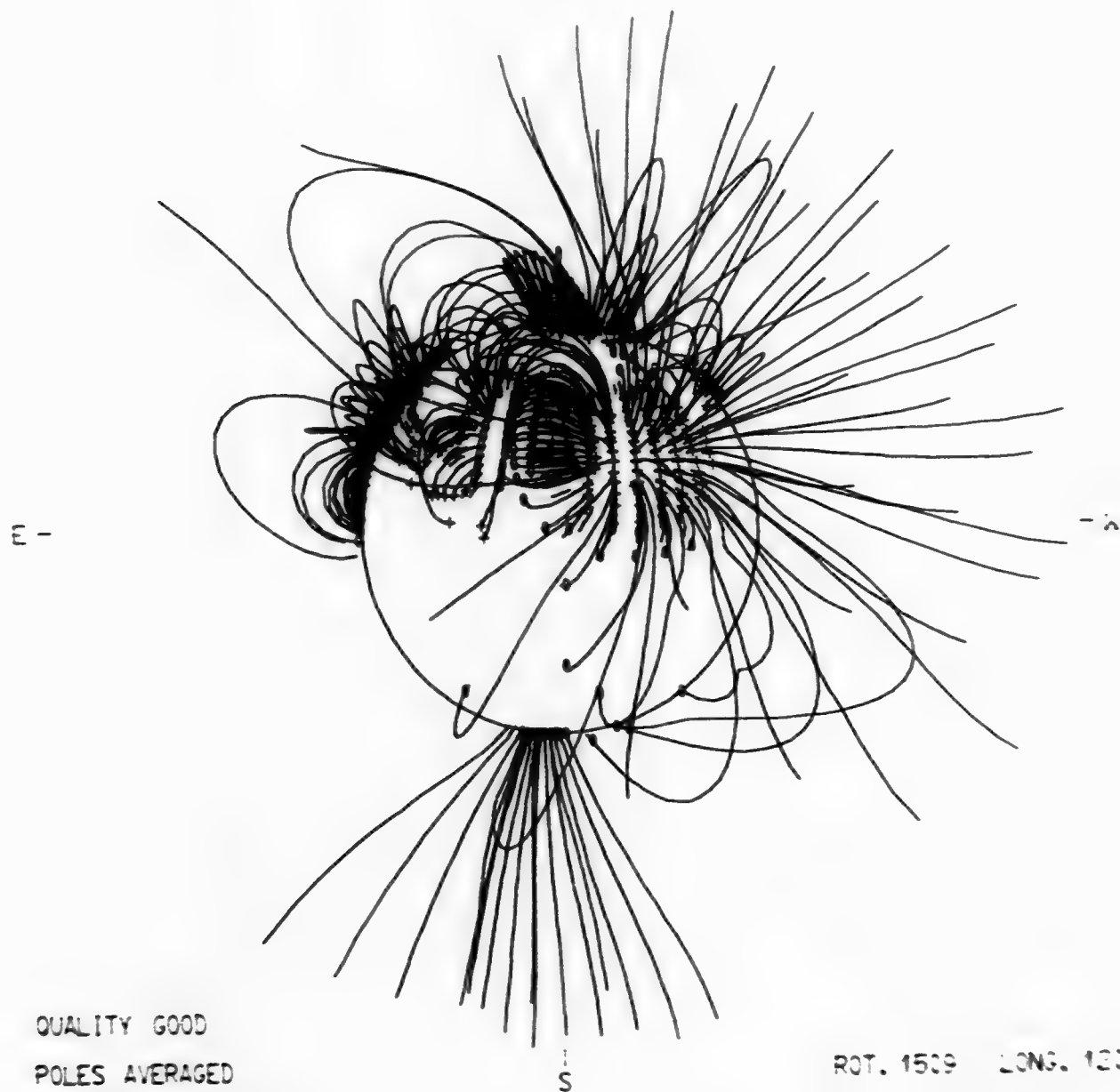


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

S

ROT. 1509 LONG. 120°
10.2 JUL 1966

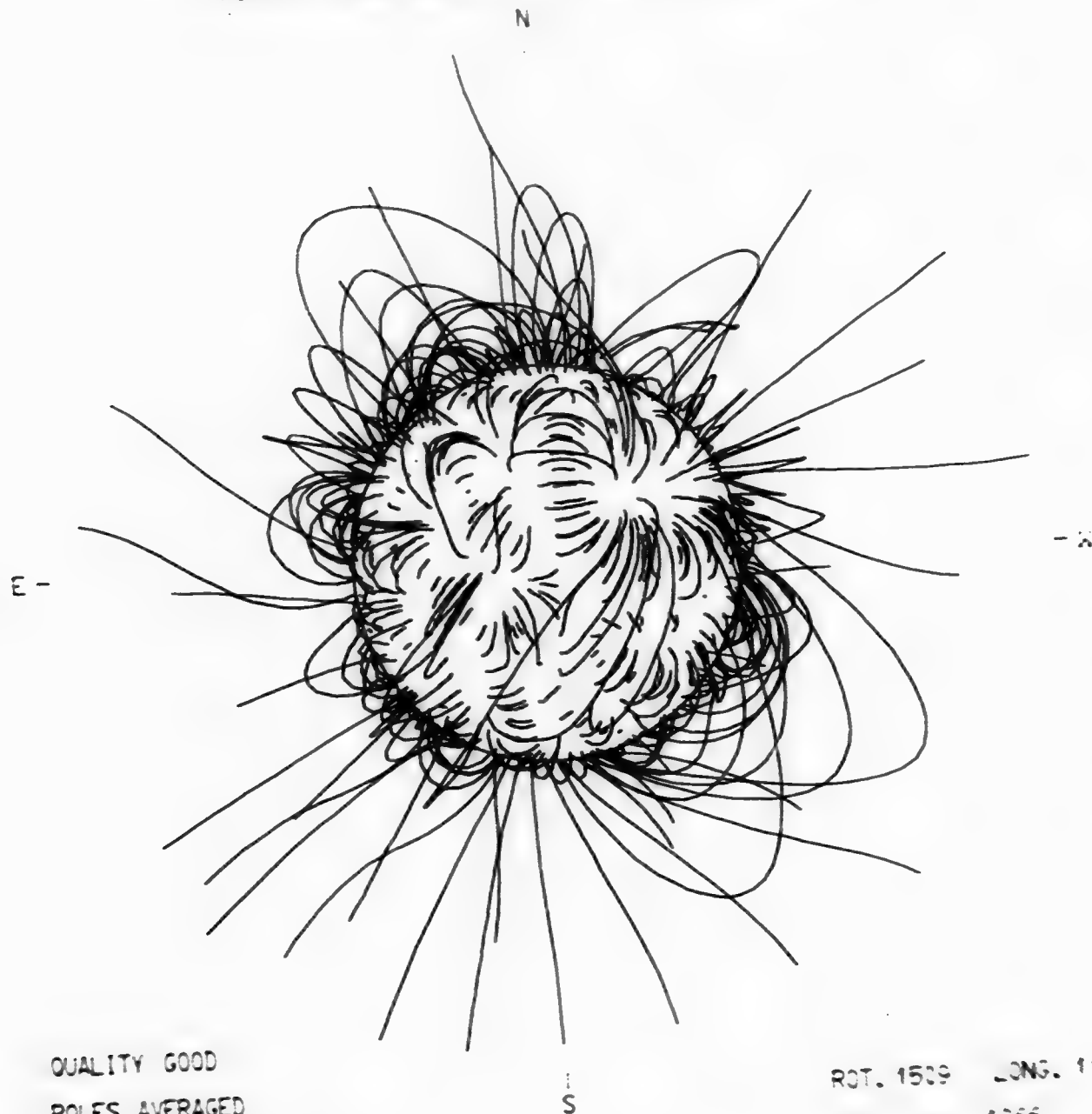
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 121°
10.2 JUL 1966

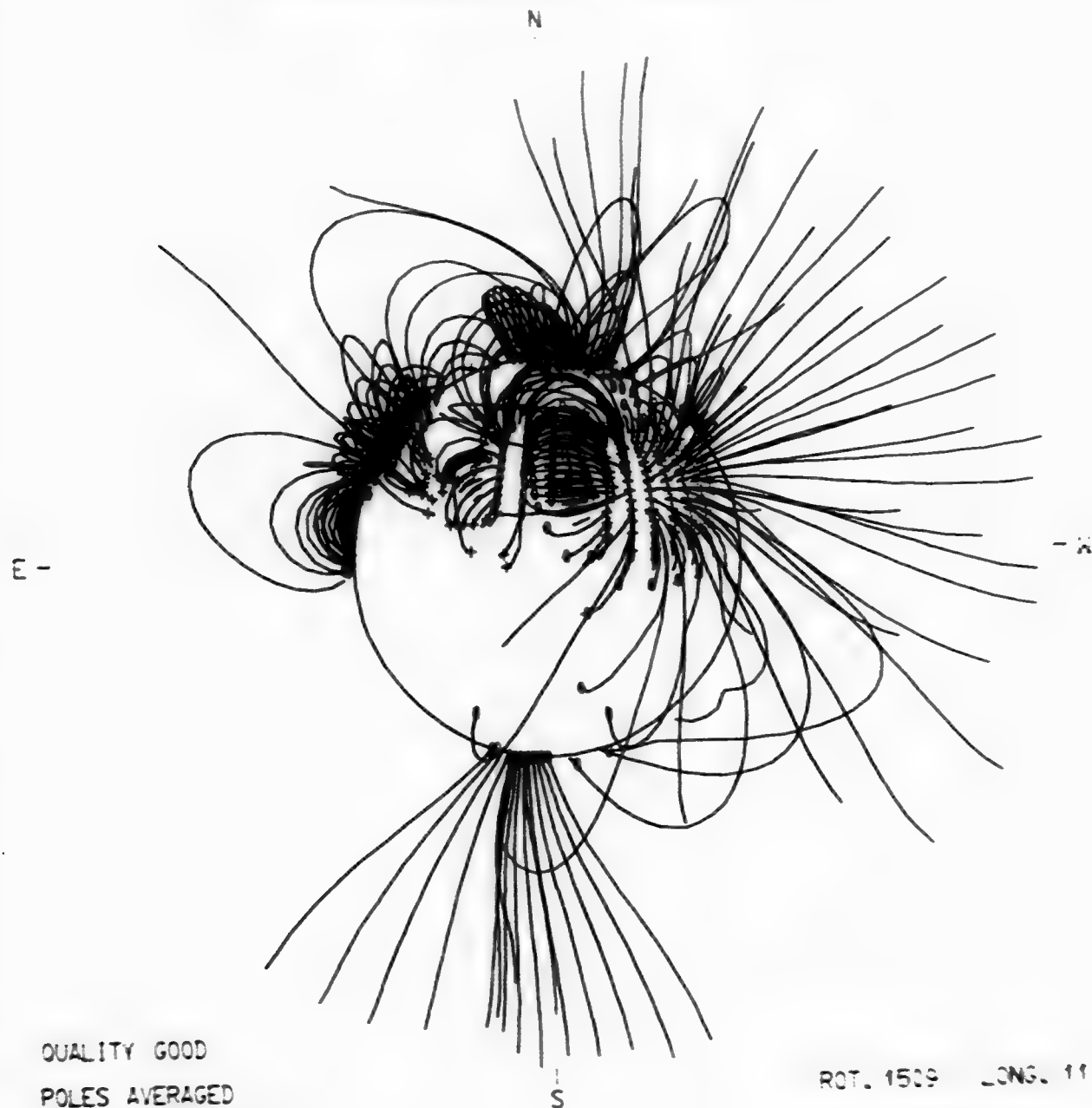
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 110°
10.9 JUL 1966

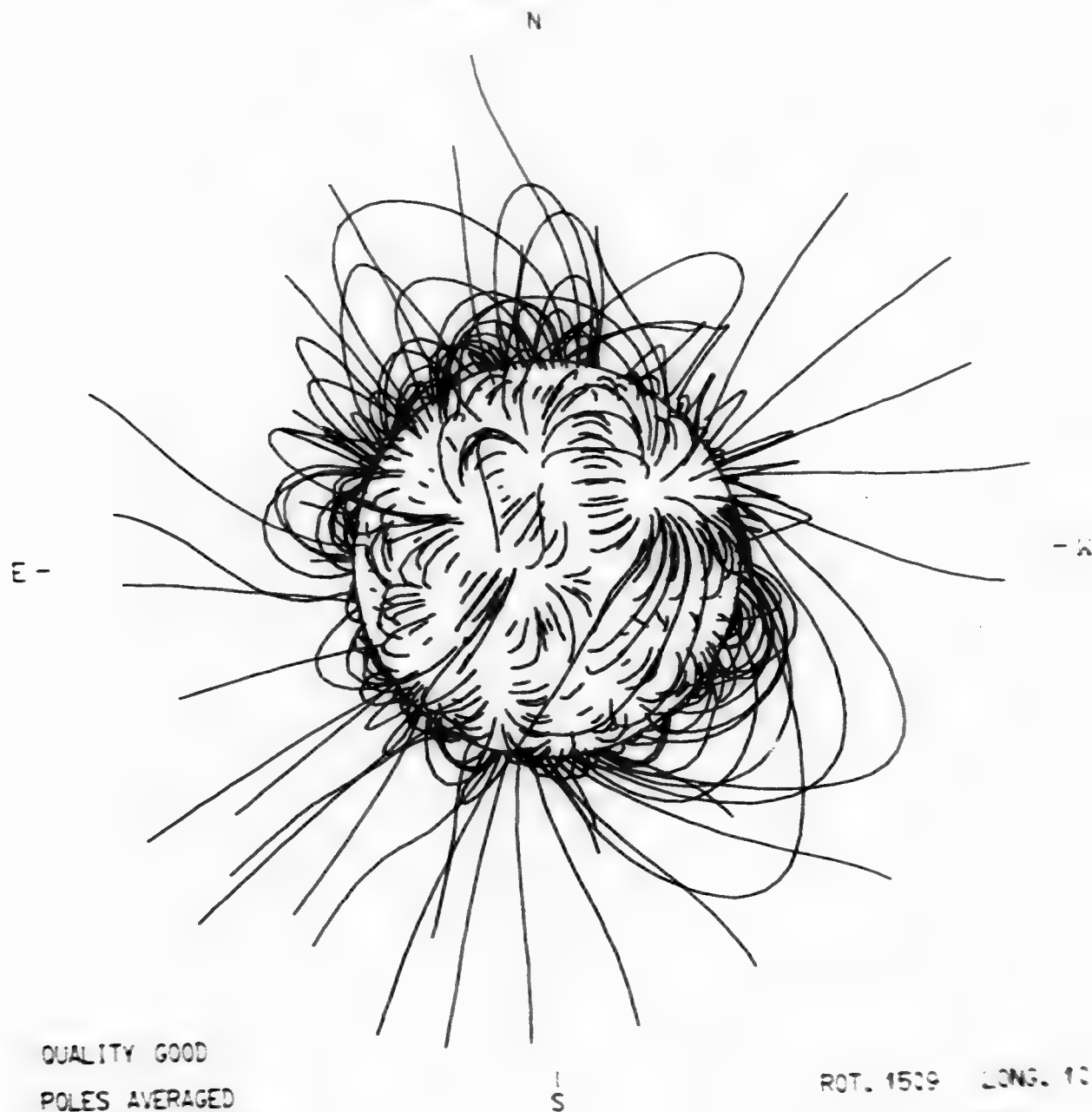
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 110°
10.9 JUL 1966

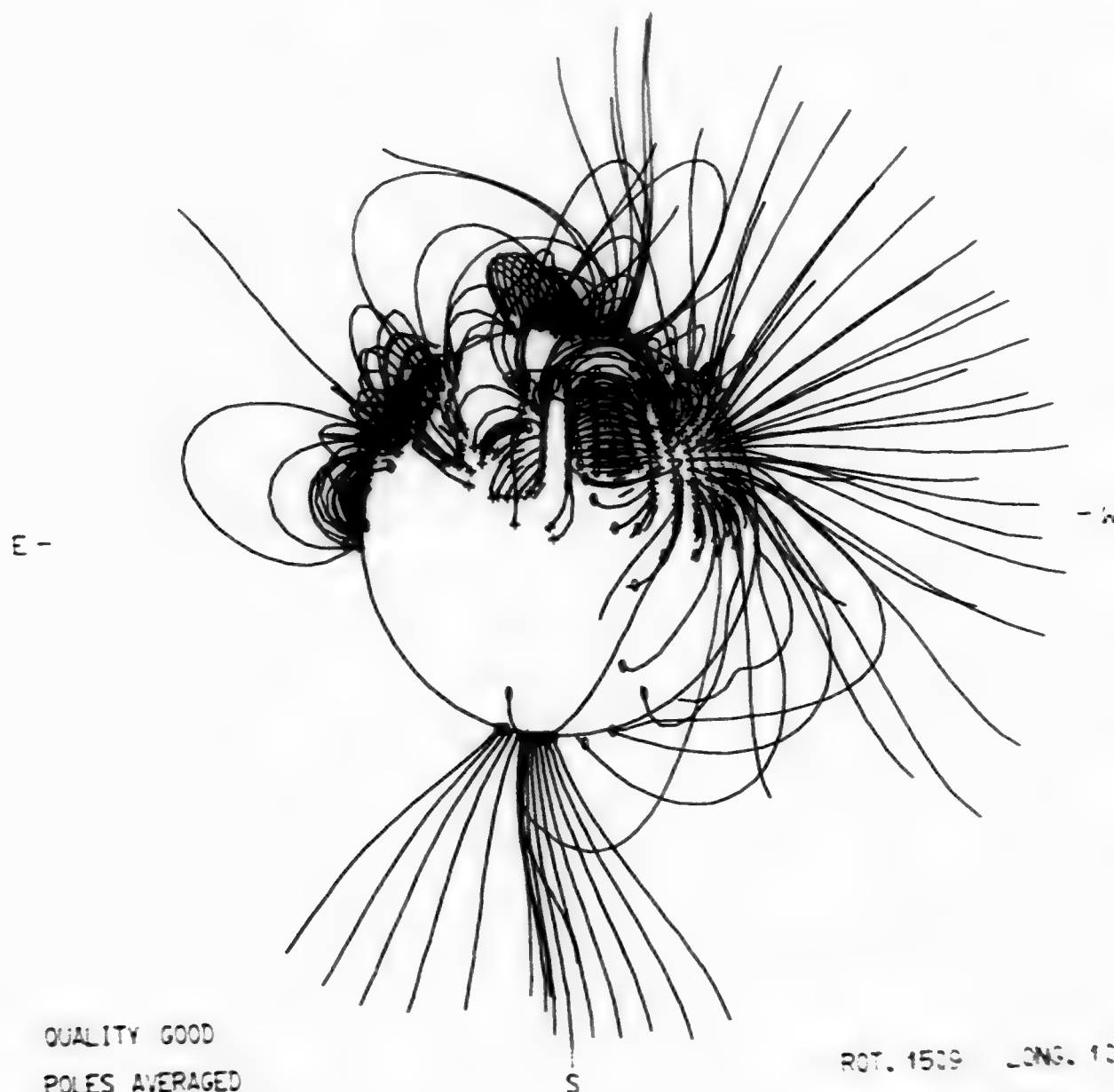
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 100°
11.7 JUL 1966

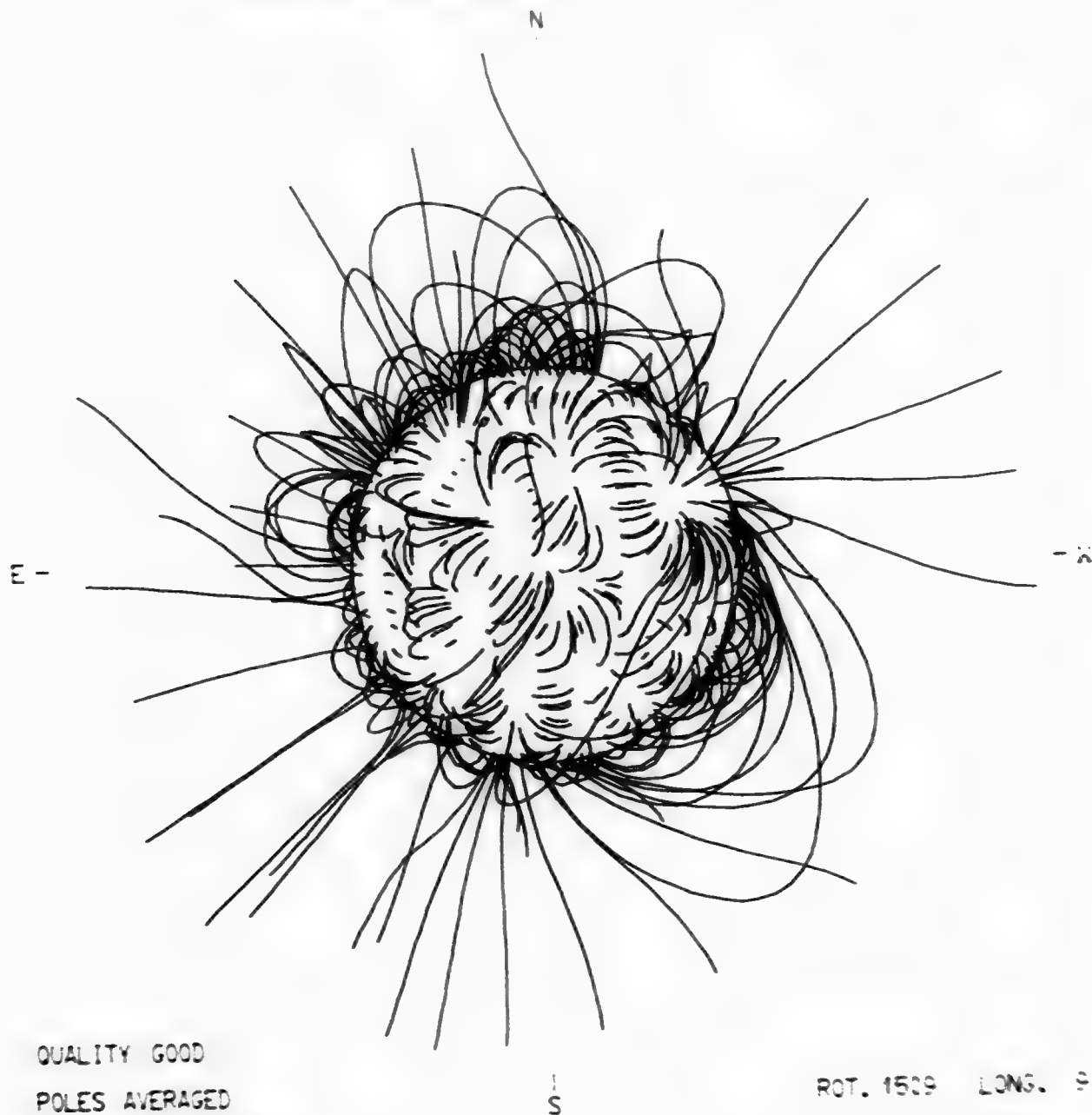
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 100°
11.7 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

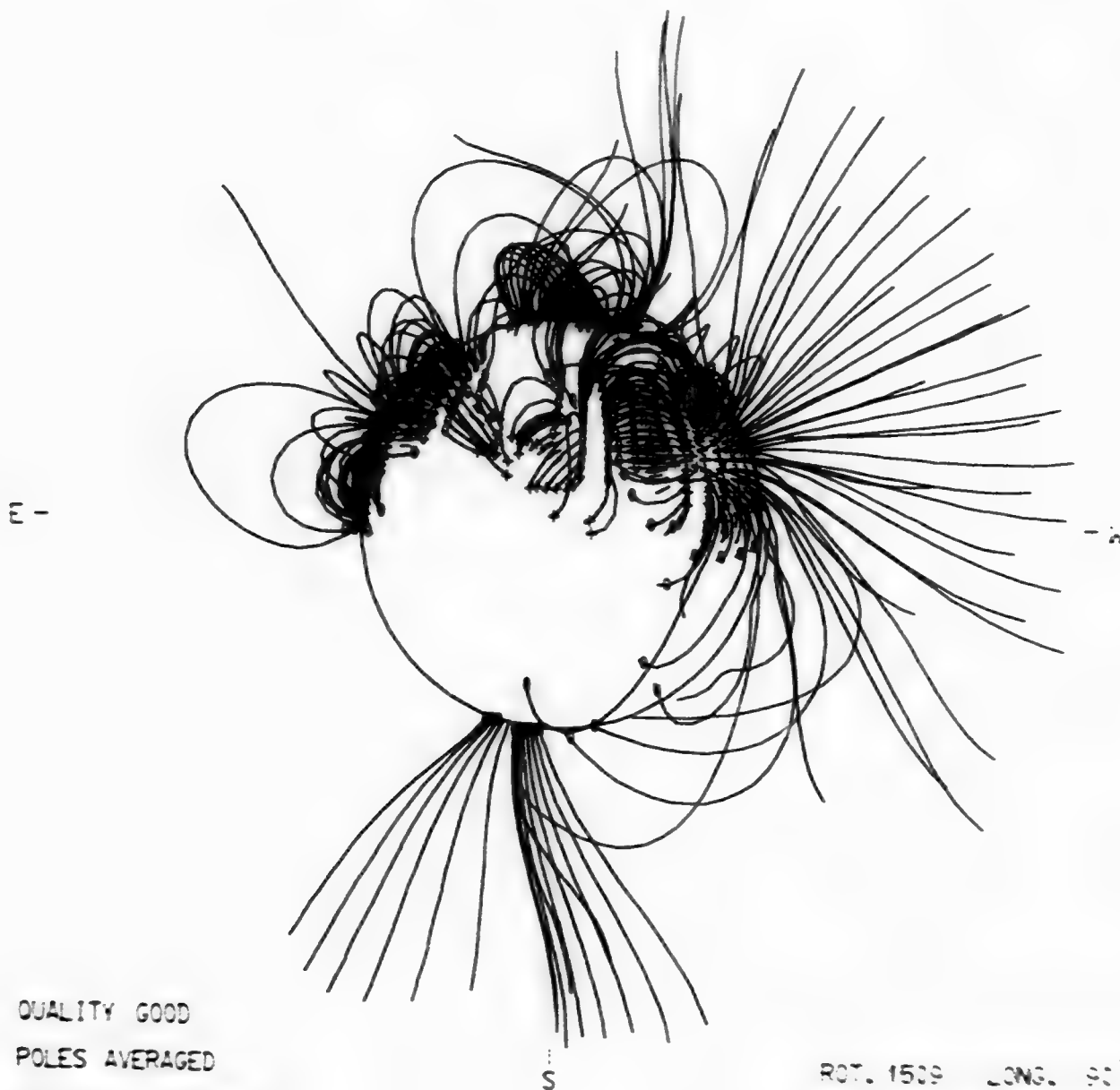


QUALITY GOOD
POLES AVERAGED
DATA WINDOW 1509.00

ROT. 1509 LONG. 90°
12.4 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY GOOD

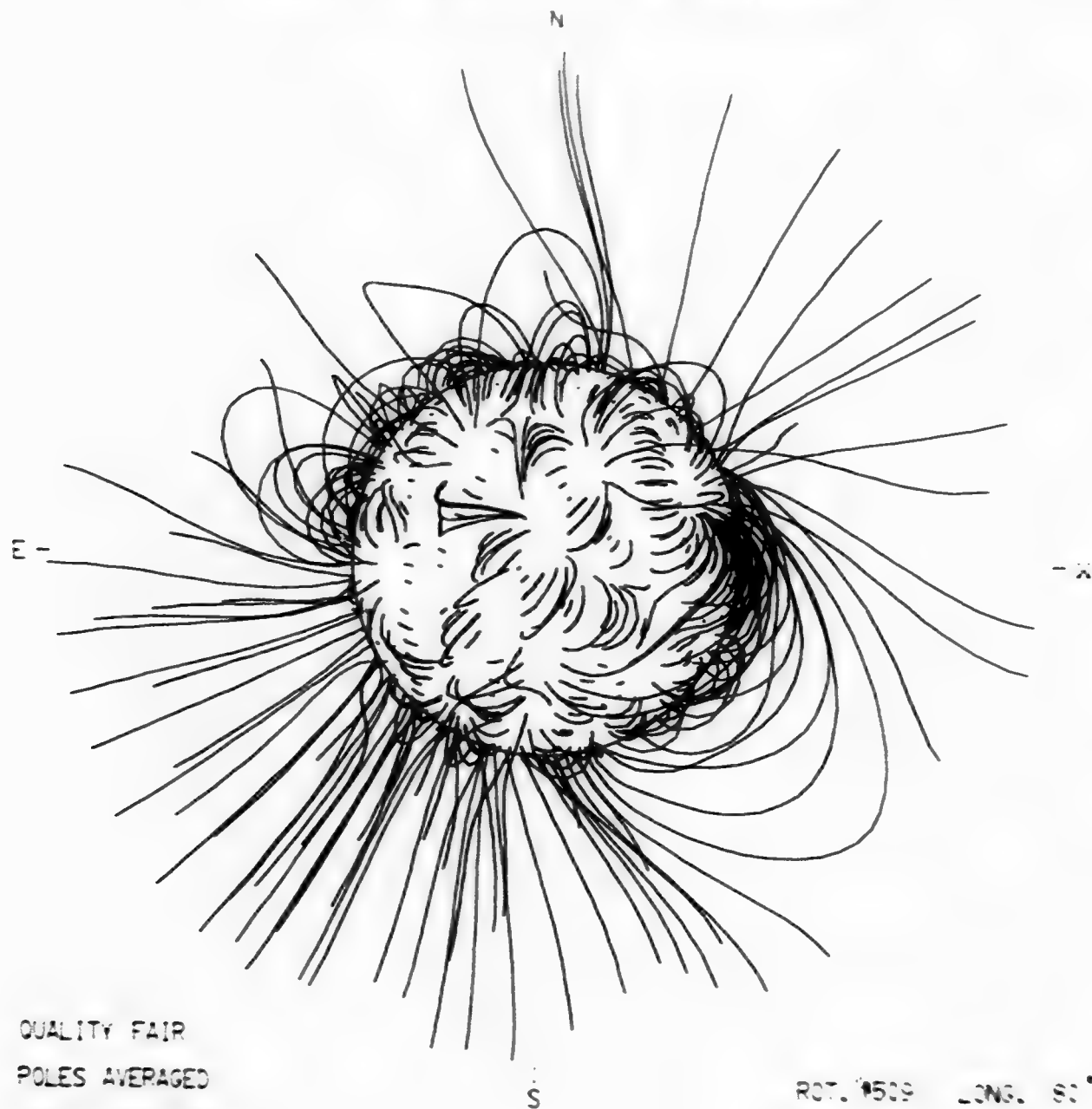
POLES AVERAGED

DATA WINDOW 1509.00

ROT. 1539 LONG. 91°

12.4 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1509 LONG. 81°
13.2 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

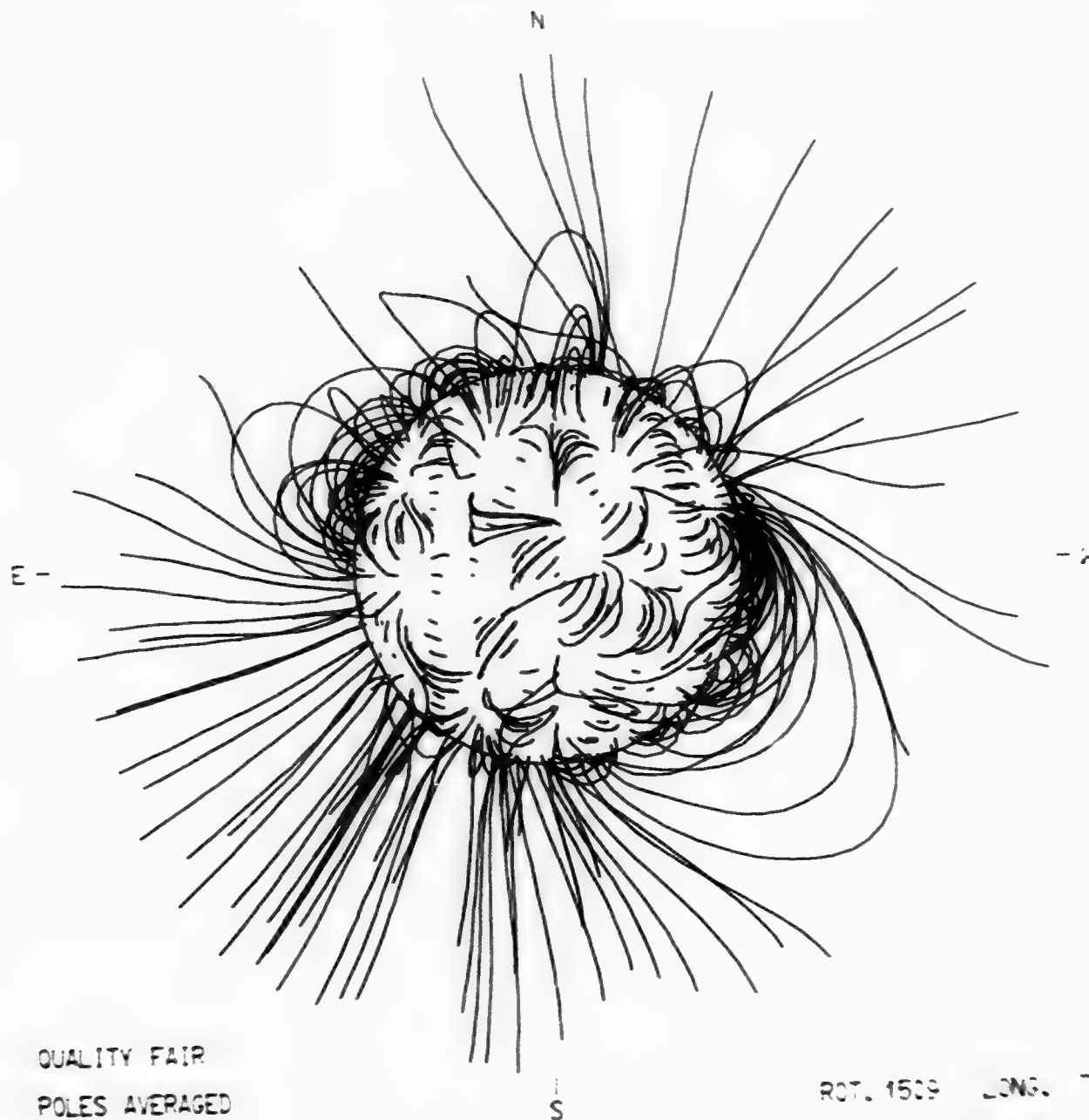
POLES AVERAGED

DATA WINDOW 1509.47

ROT. 1509 LONG. 80°

13.2 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1509 LONG. 71°
13.9 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

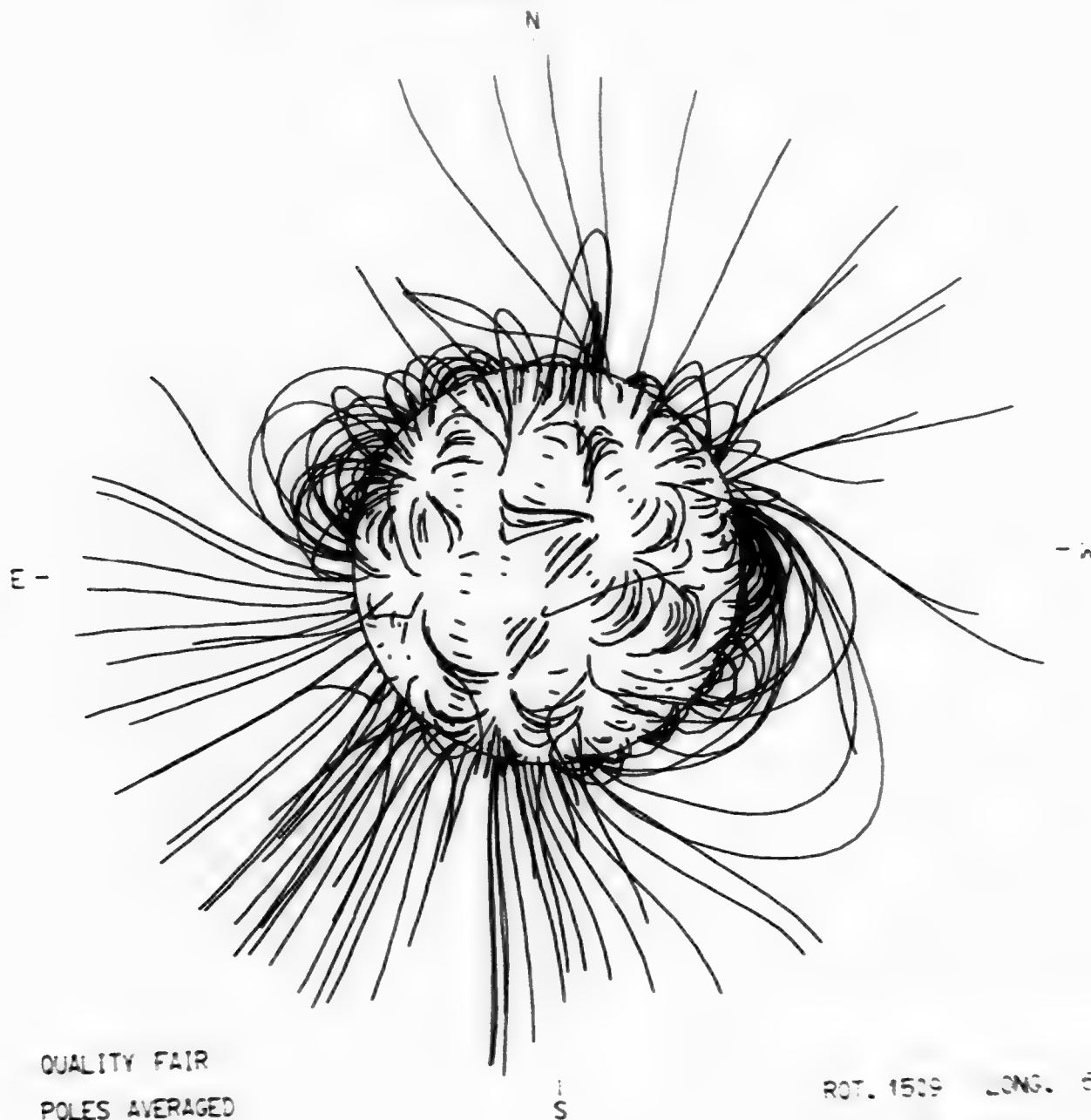


QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1509.47

I
 S

ROT. 1509 LONG. 71°
 13.9 JUL 1986

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



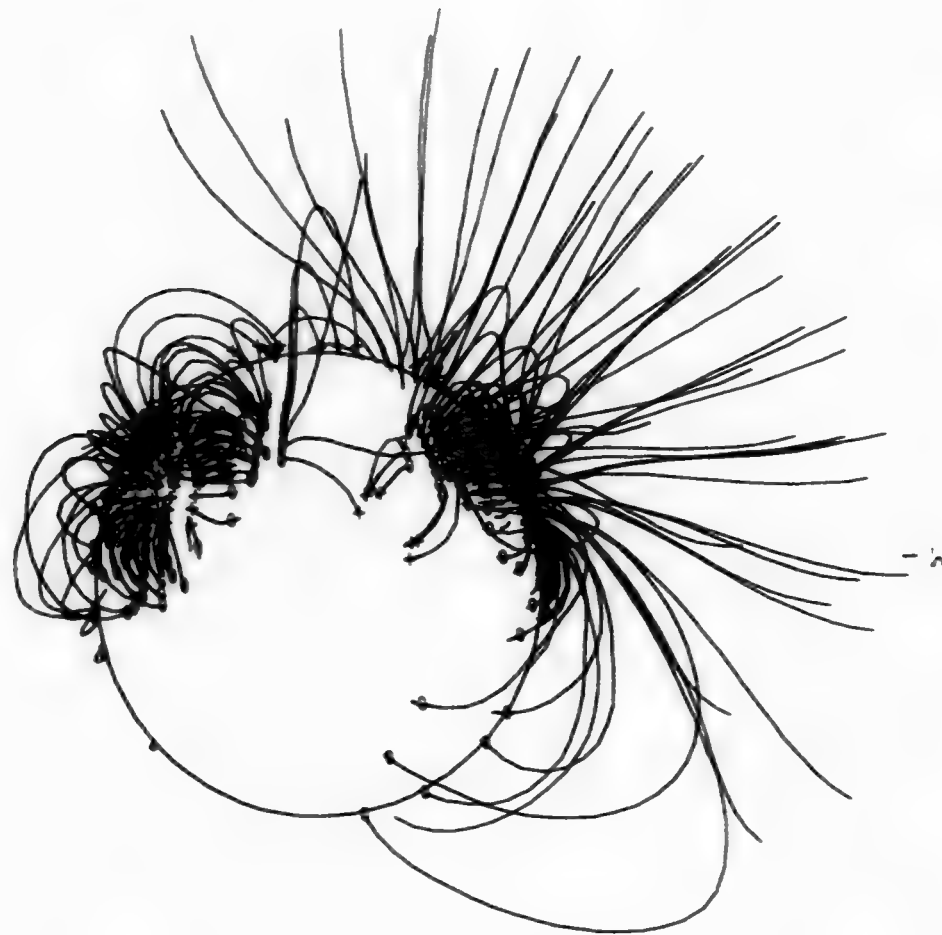
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1509 LONG. 61°
14.7 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

E -

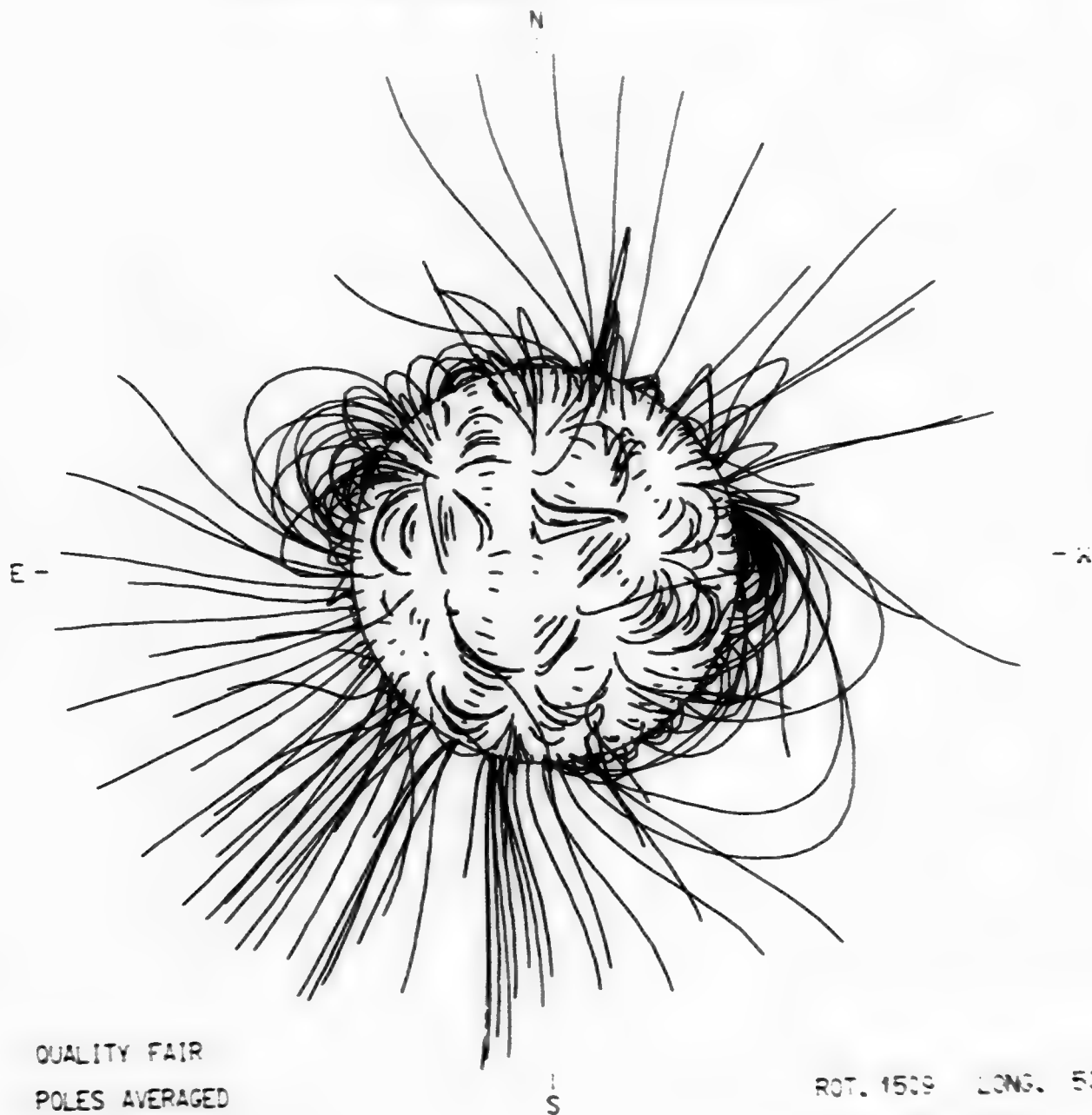


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

S

ROT. 1509 LONG. 60°
14.7 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



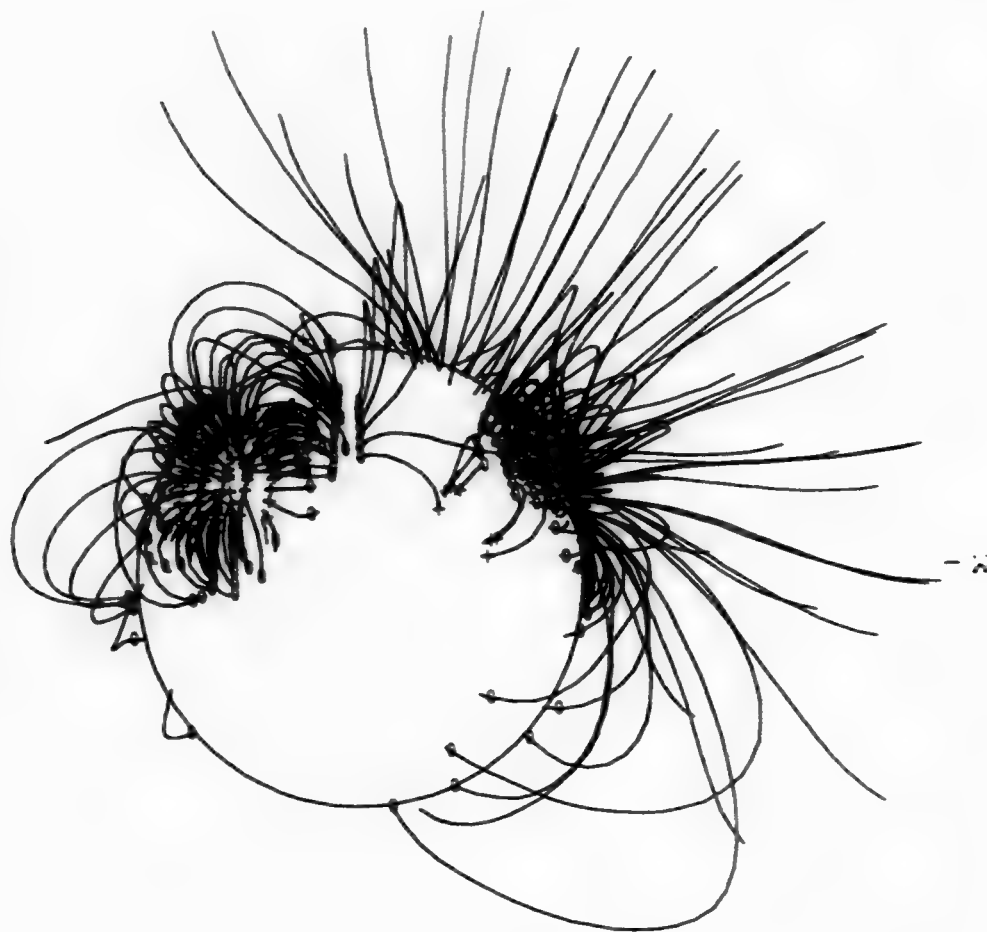
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1509 LONG. 50°
15.4 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

E -

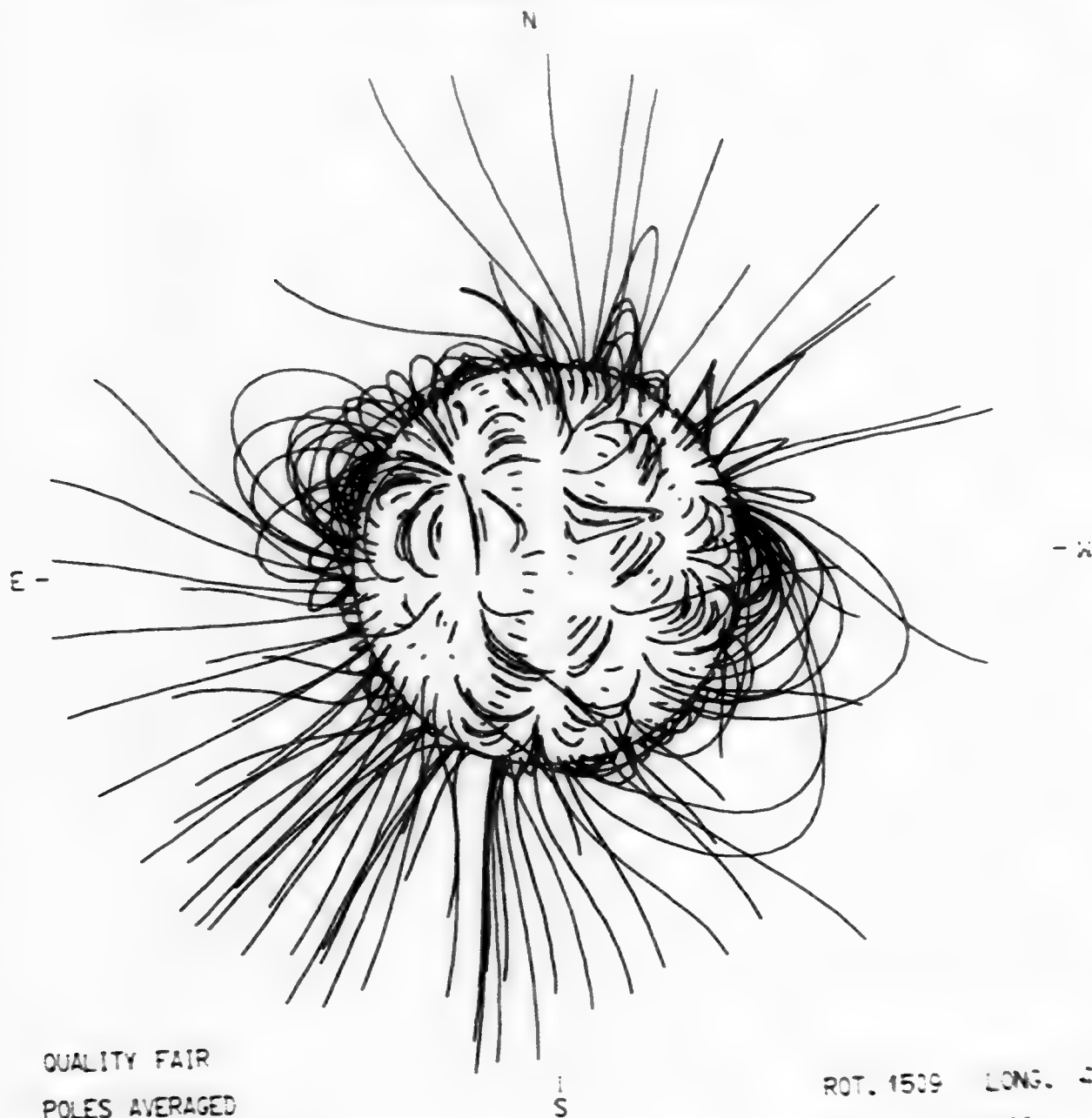


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

S

ROT. 1509 LONG. 50°
15.4 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

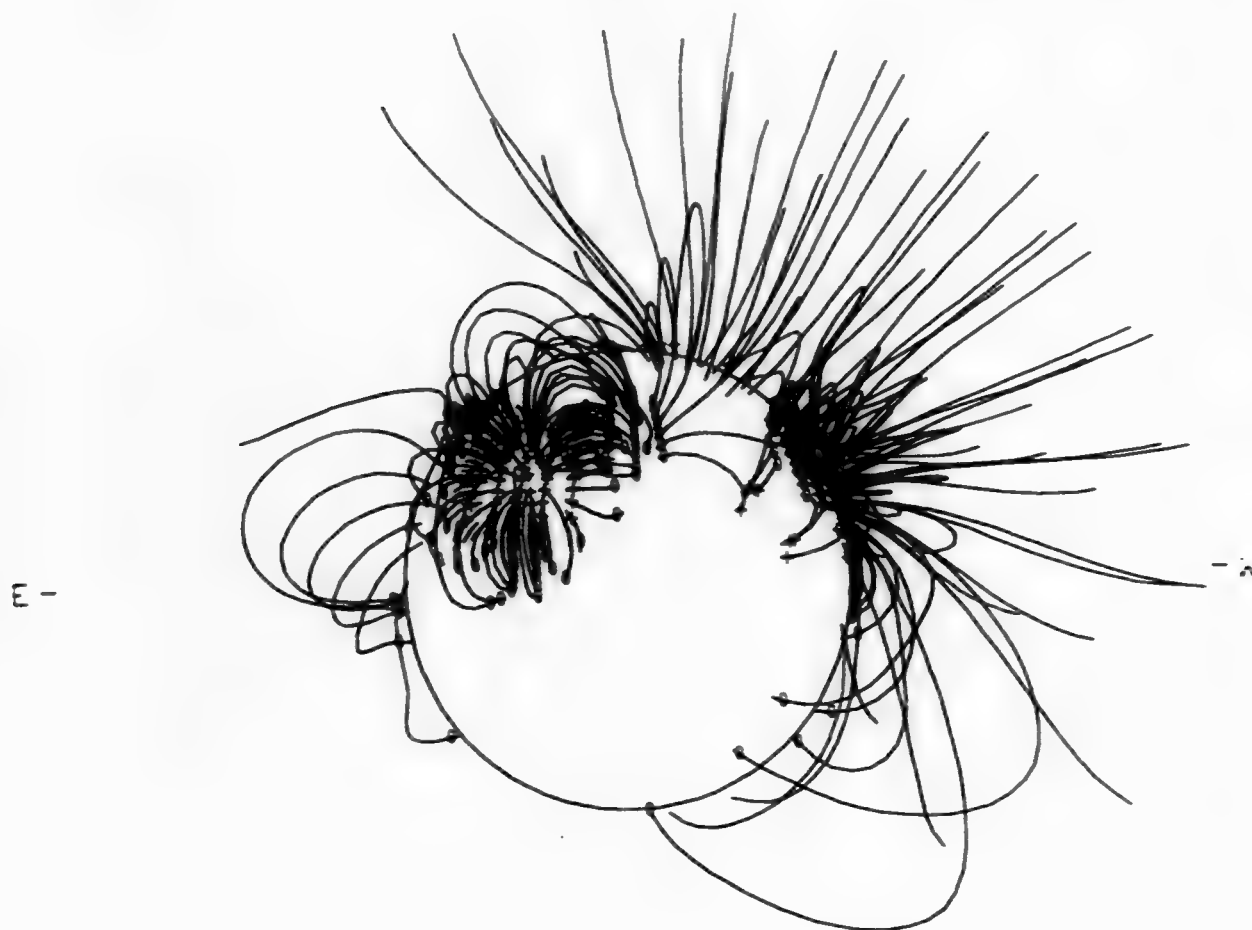


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1509 LONG. 22°
16.2 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

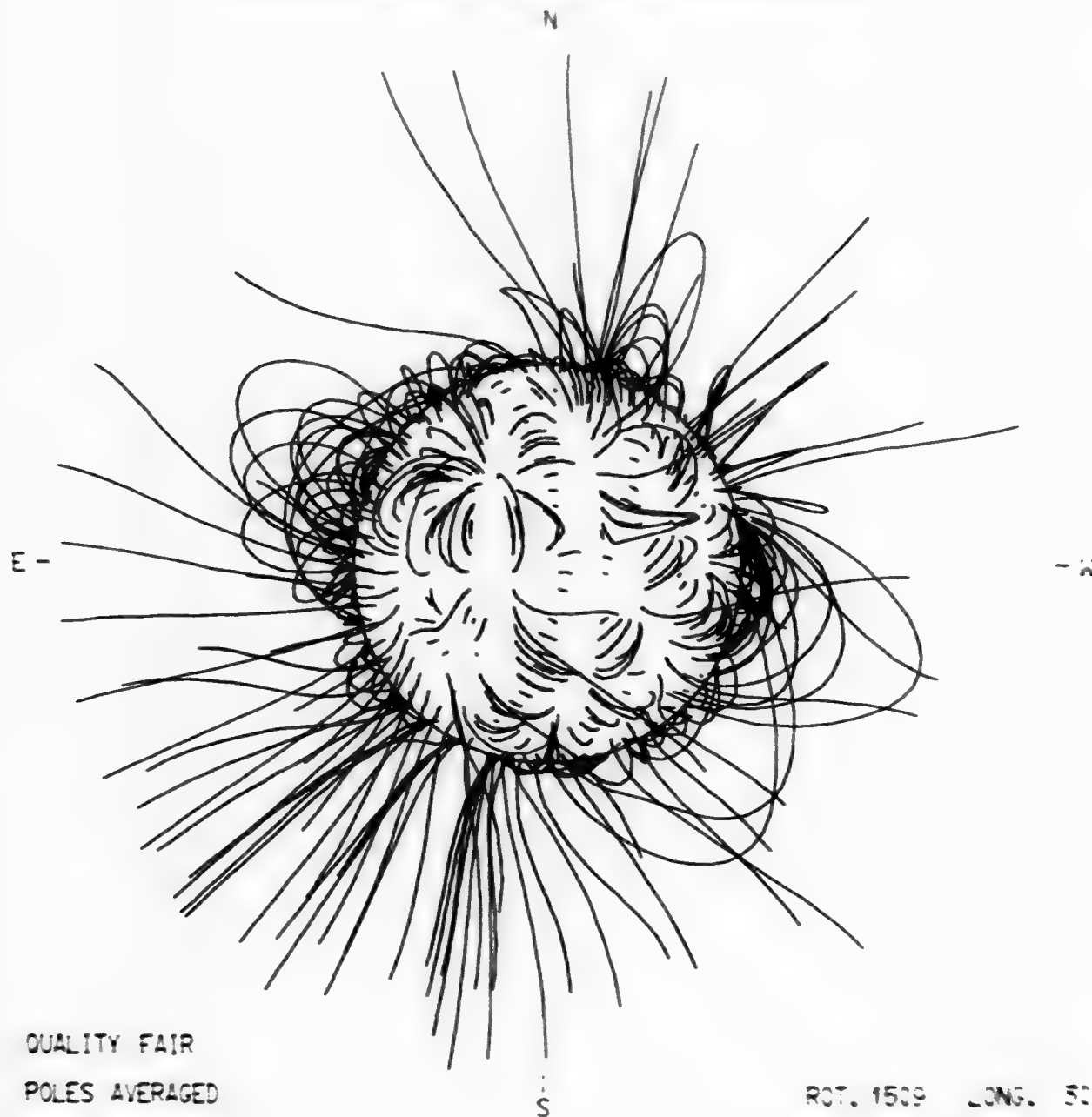


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

S

ROT. 1509 LONG. 21°
16.2 JUL 1966

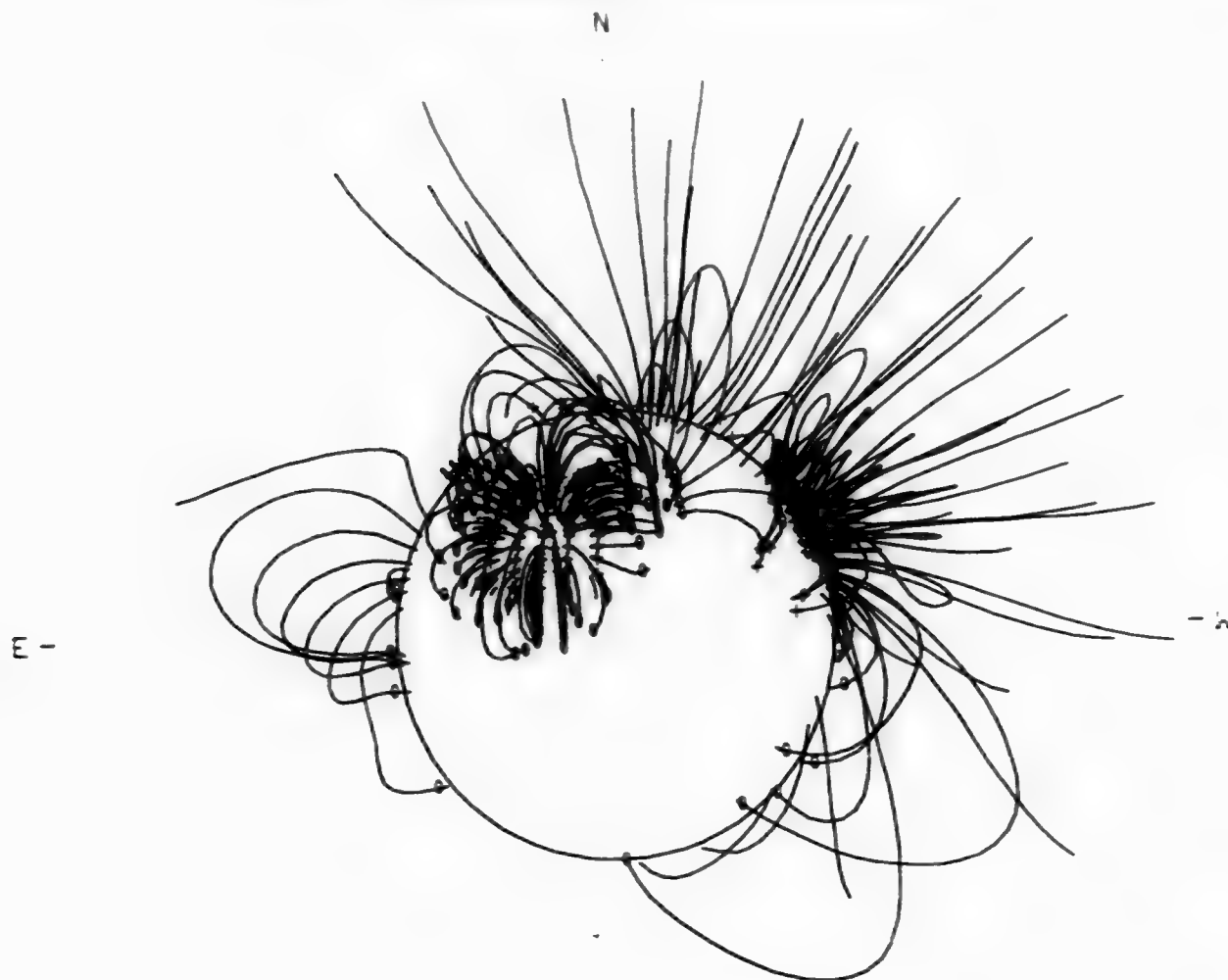
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1509 LONG. 50°
17.0 JUL 1966

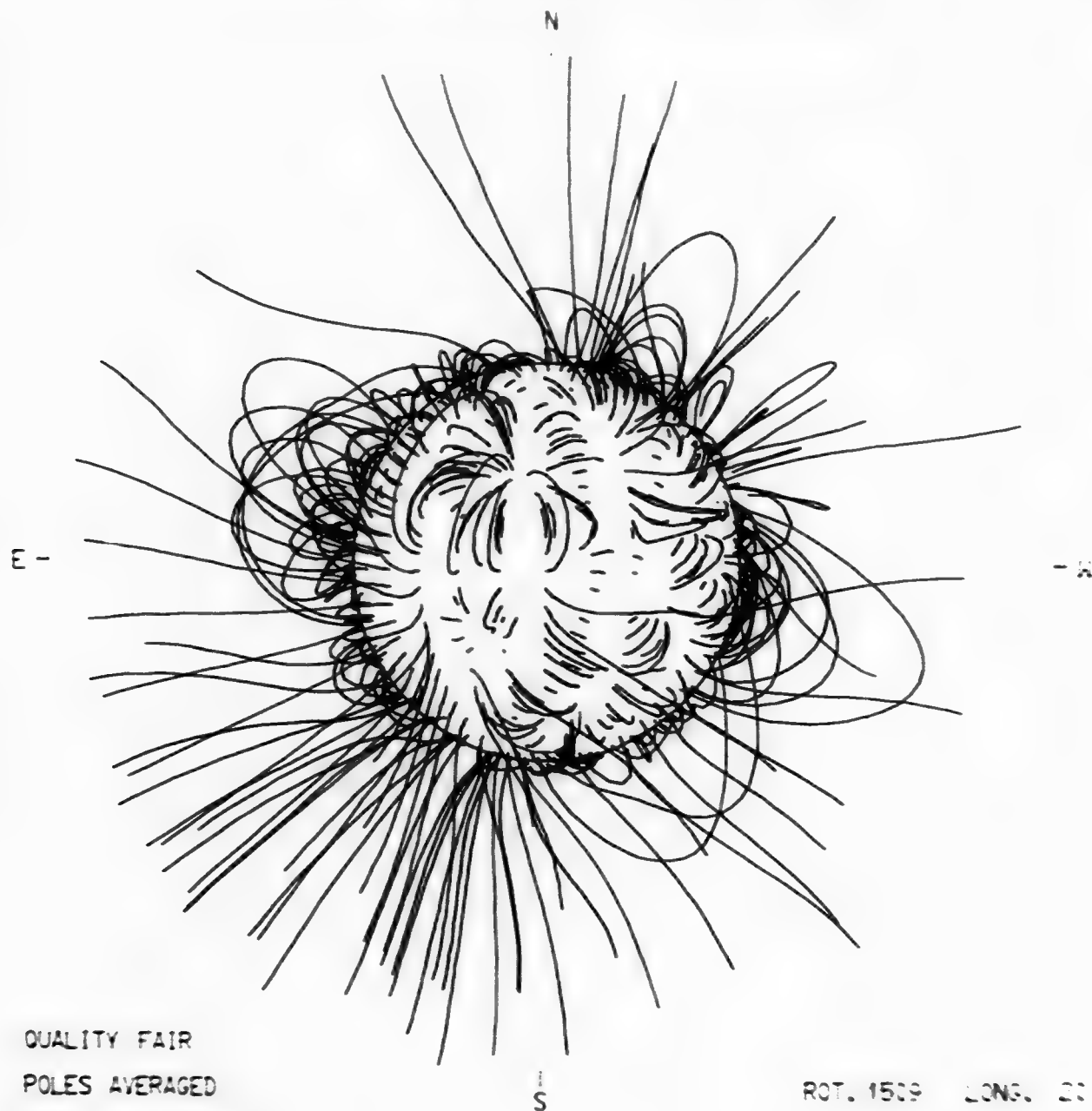
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1509 LONG. 33°
17.0 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

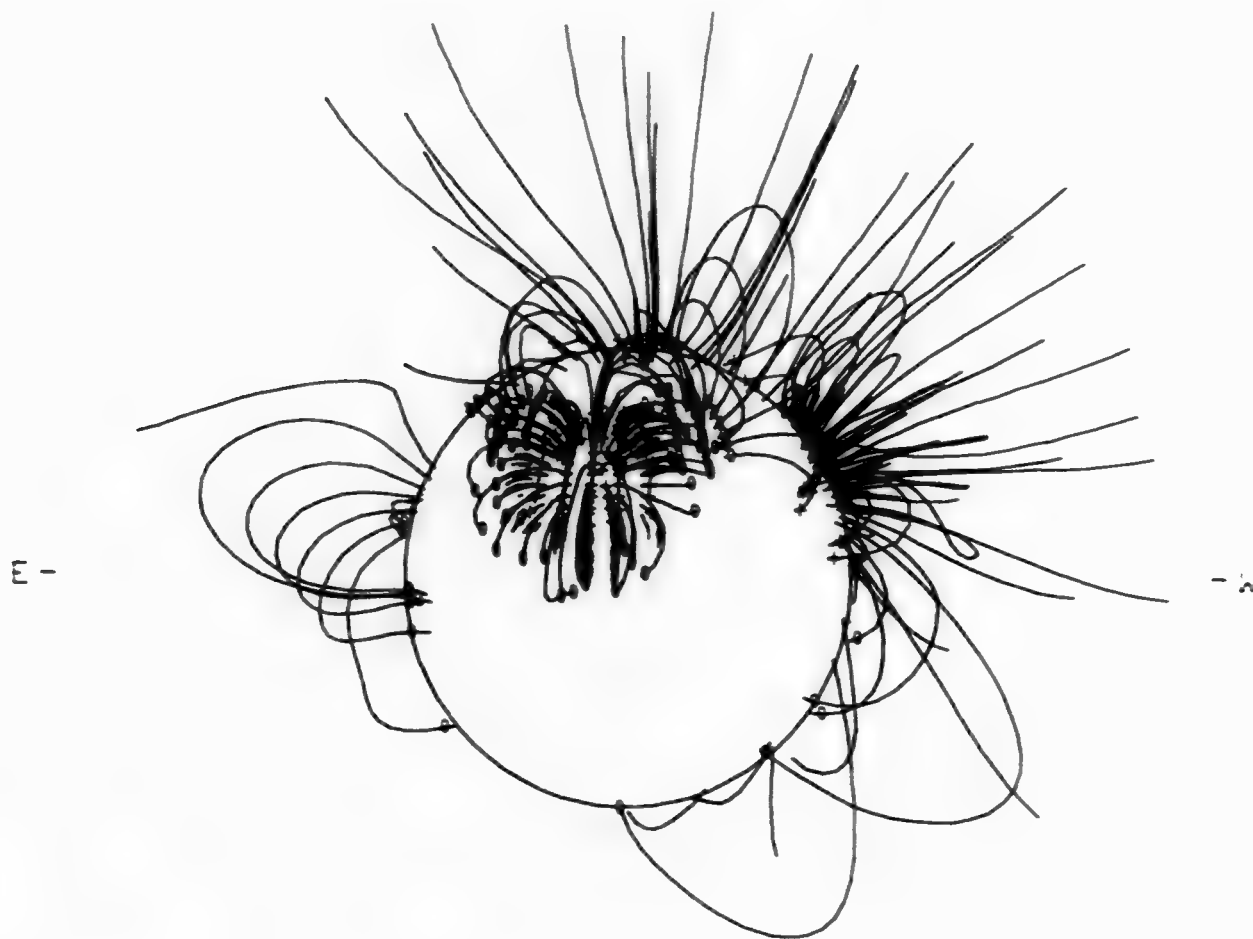


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1509 LONG. 21°
17.7 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

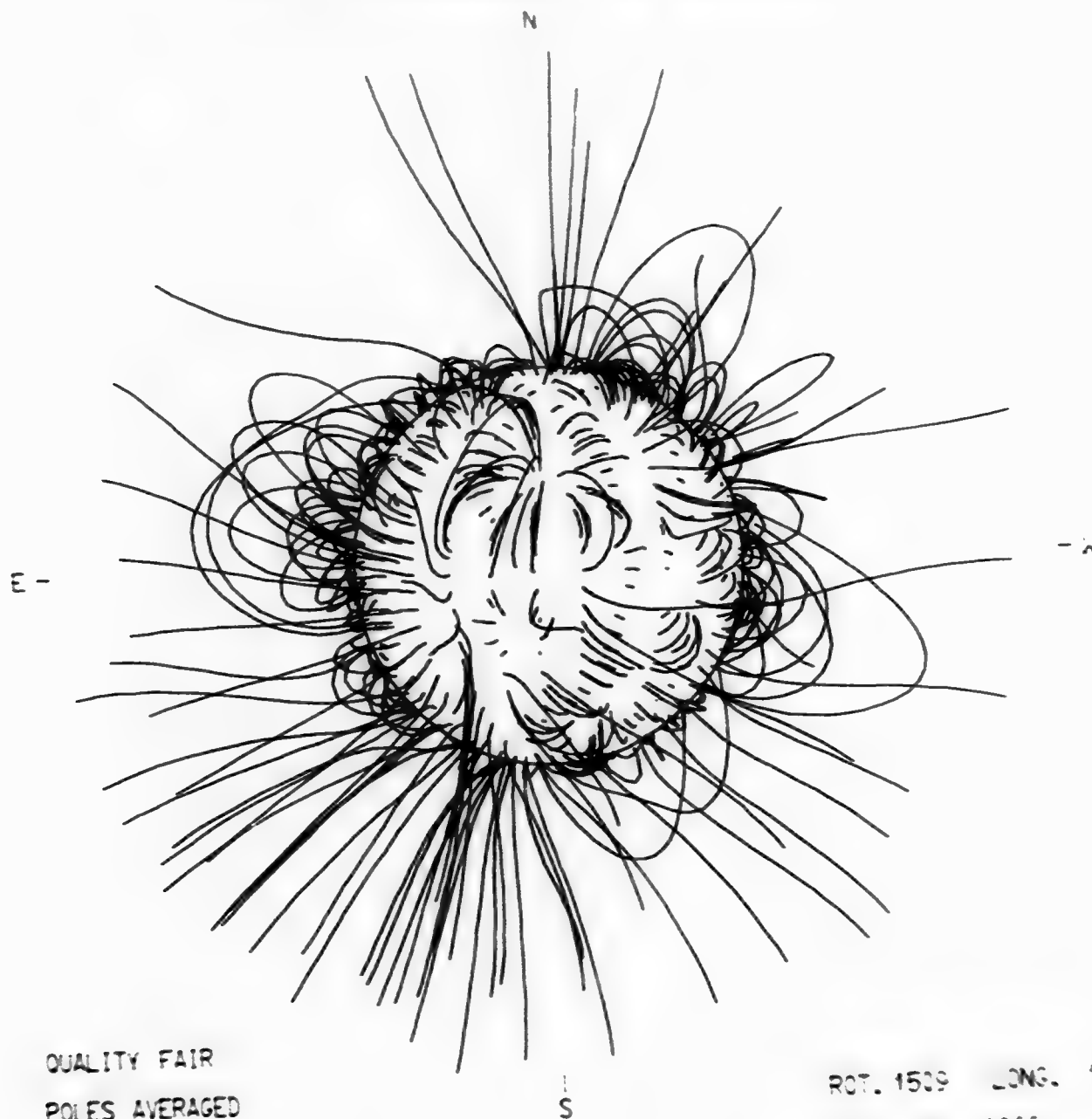
DATA WINDOW 1509.47

S

ROT. 1509 LONG. 20°

17.7 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

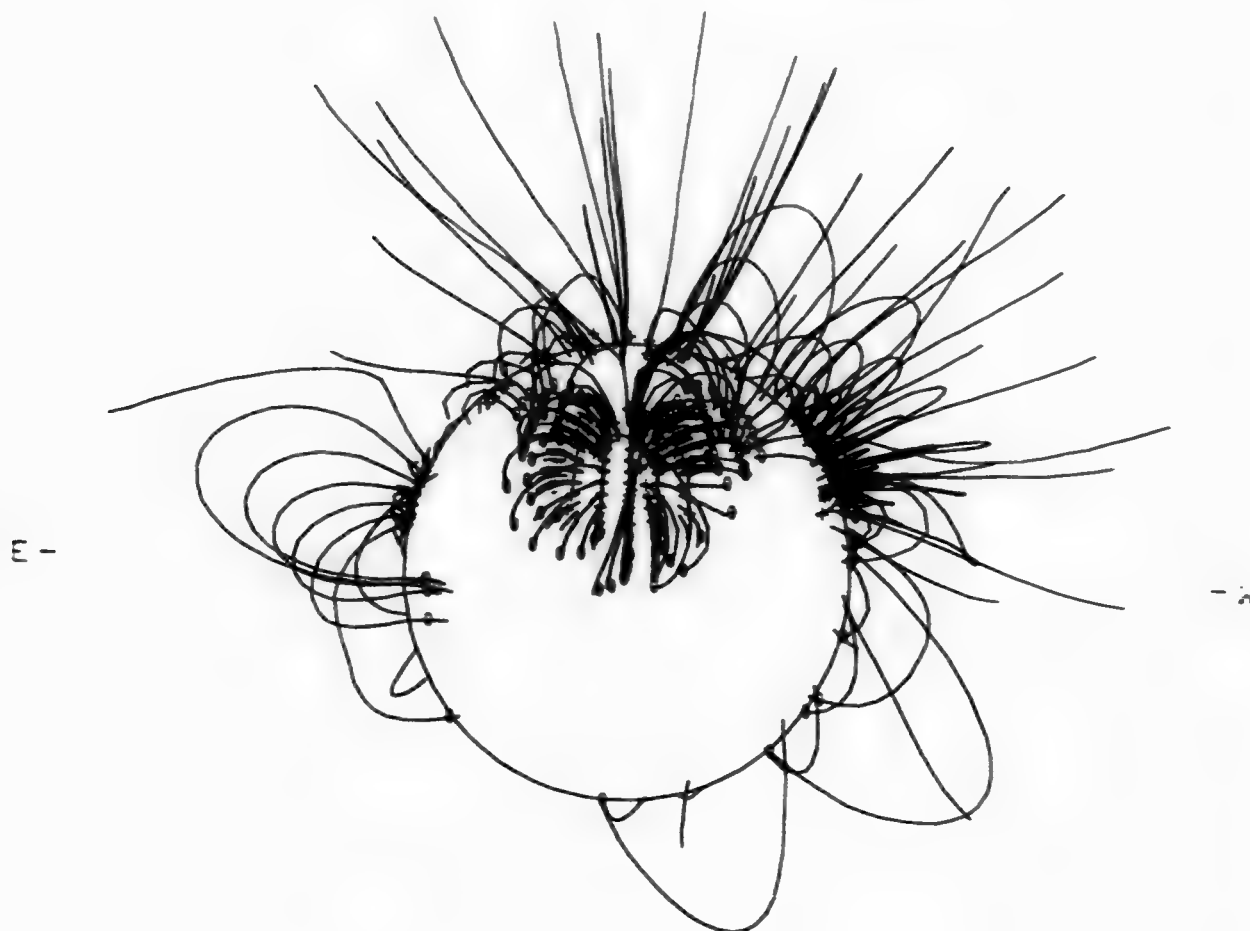


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1509 LONG. 10°
18.5 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

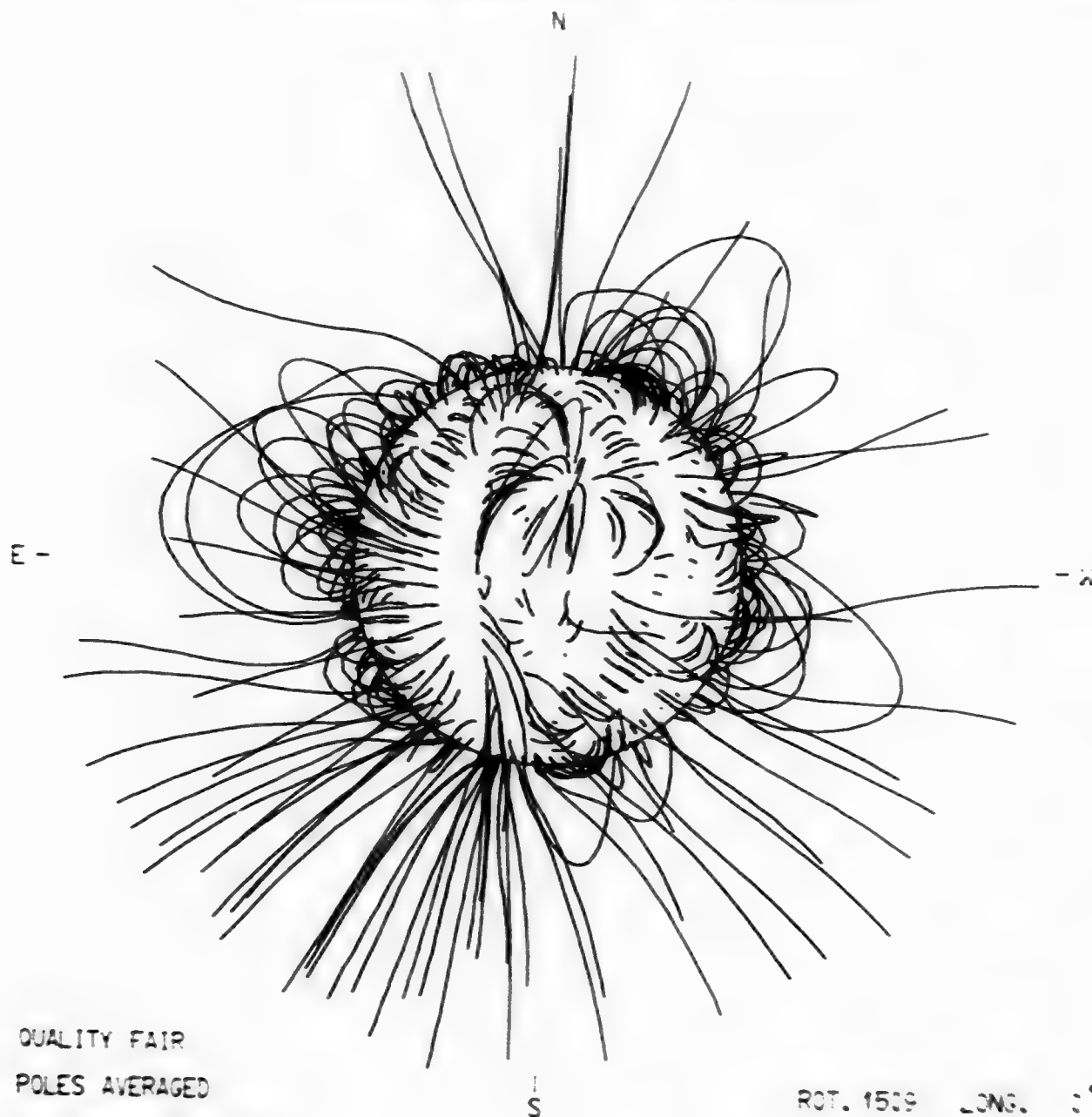
DATA WINDOW 1509.47

S

ROT. 1509 LONG. 10°

18.5 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

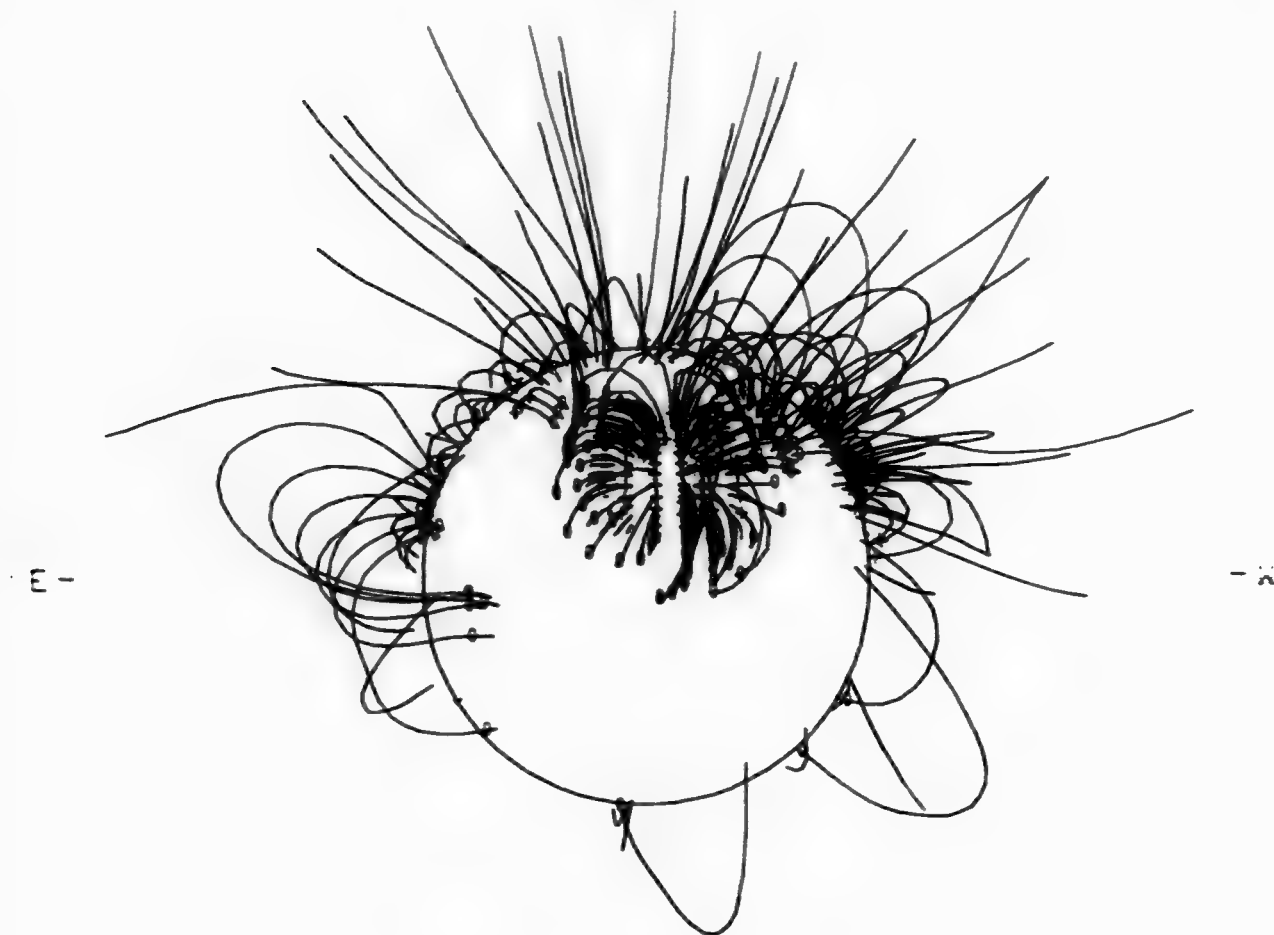


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1509 LONG. 3°
19.2 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

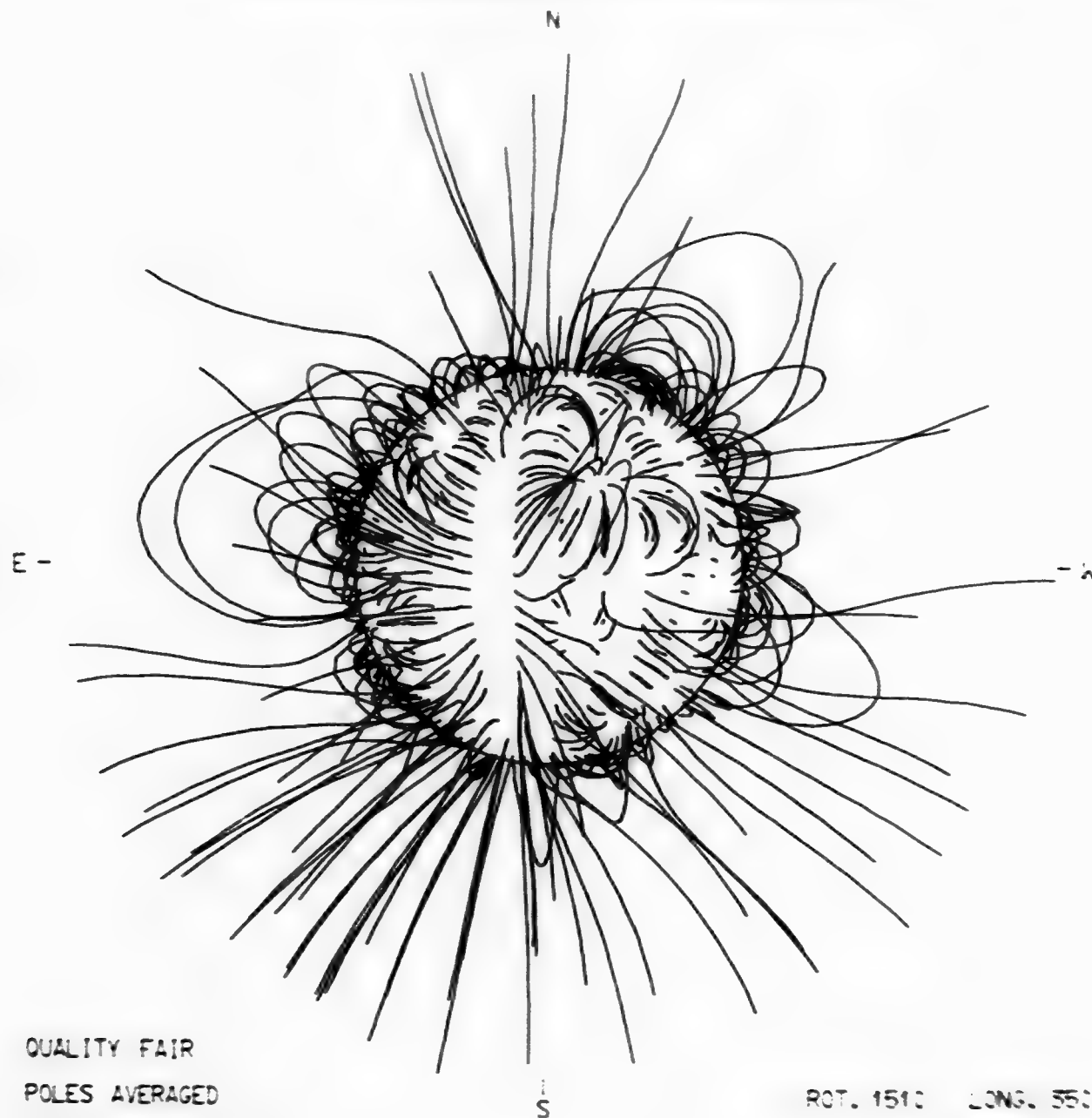
DATA WINDOW 1509.47

S

ROT. 1509 LONG. 0°

19.2 JUL 1966

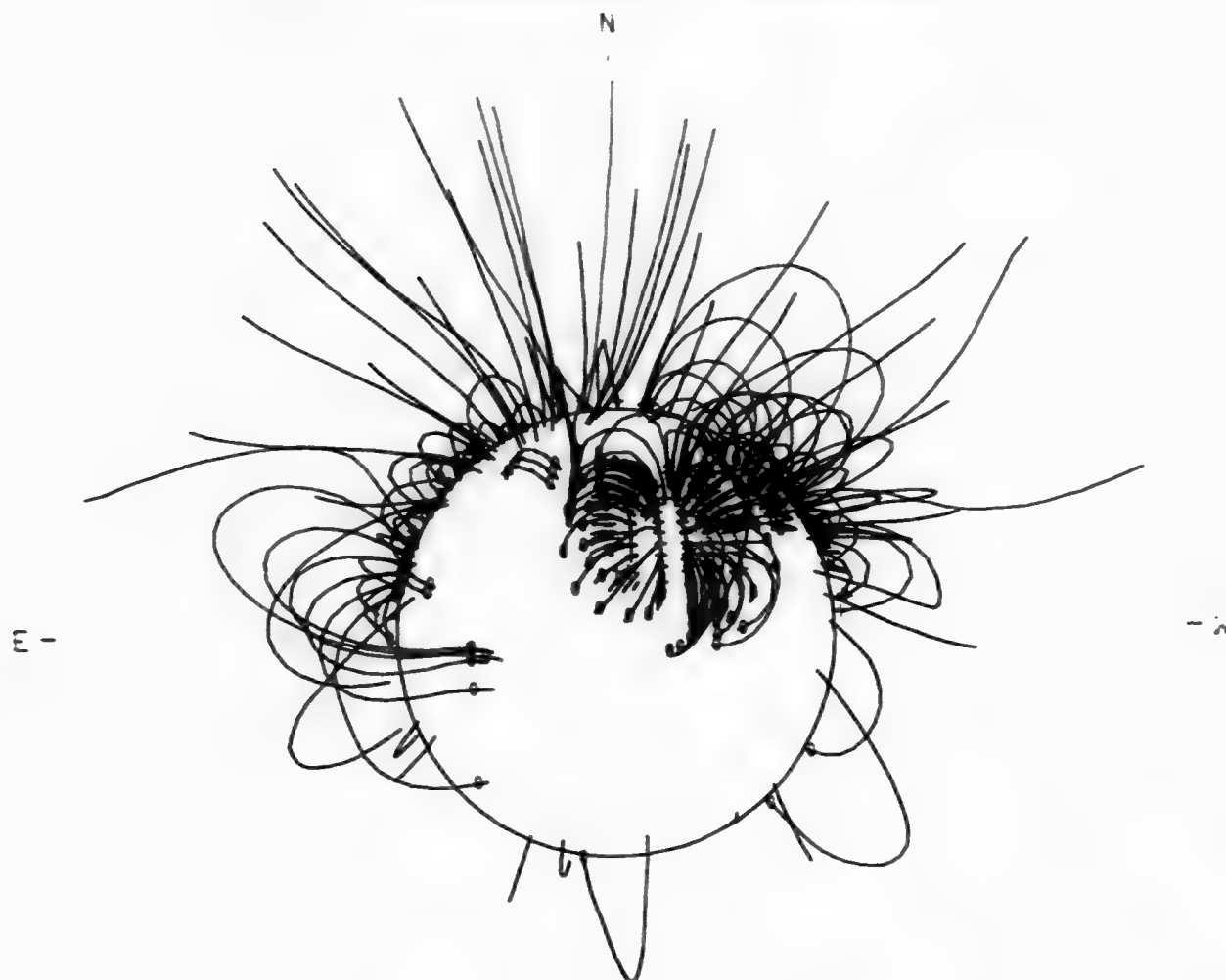
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1510 LONG. 350°
20.0 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

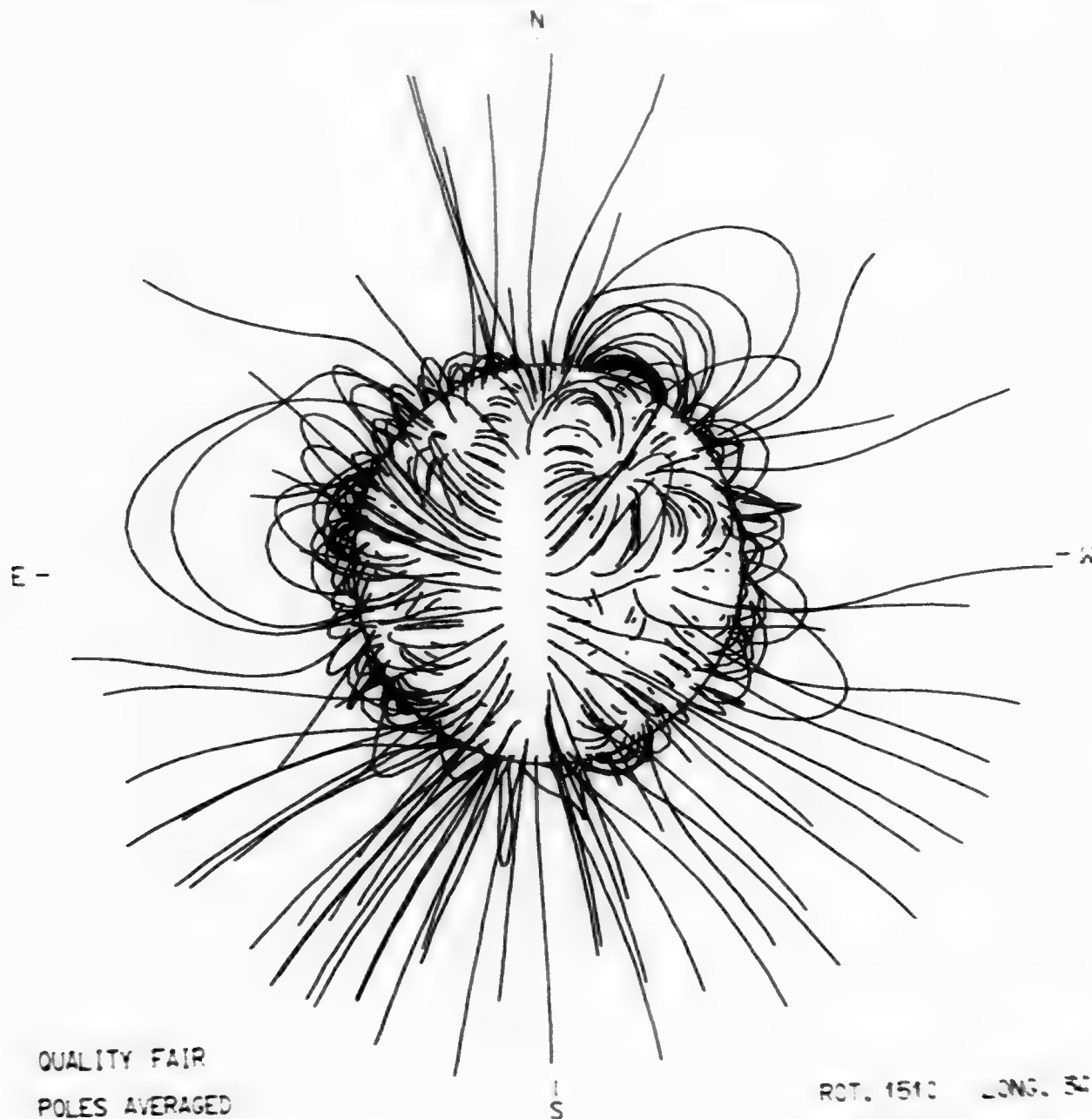
DATA WINDOW 1509.47

S

ROT. 1510 LONG. 350°

20.0 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

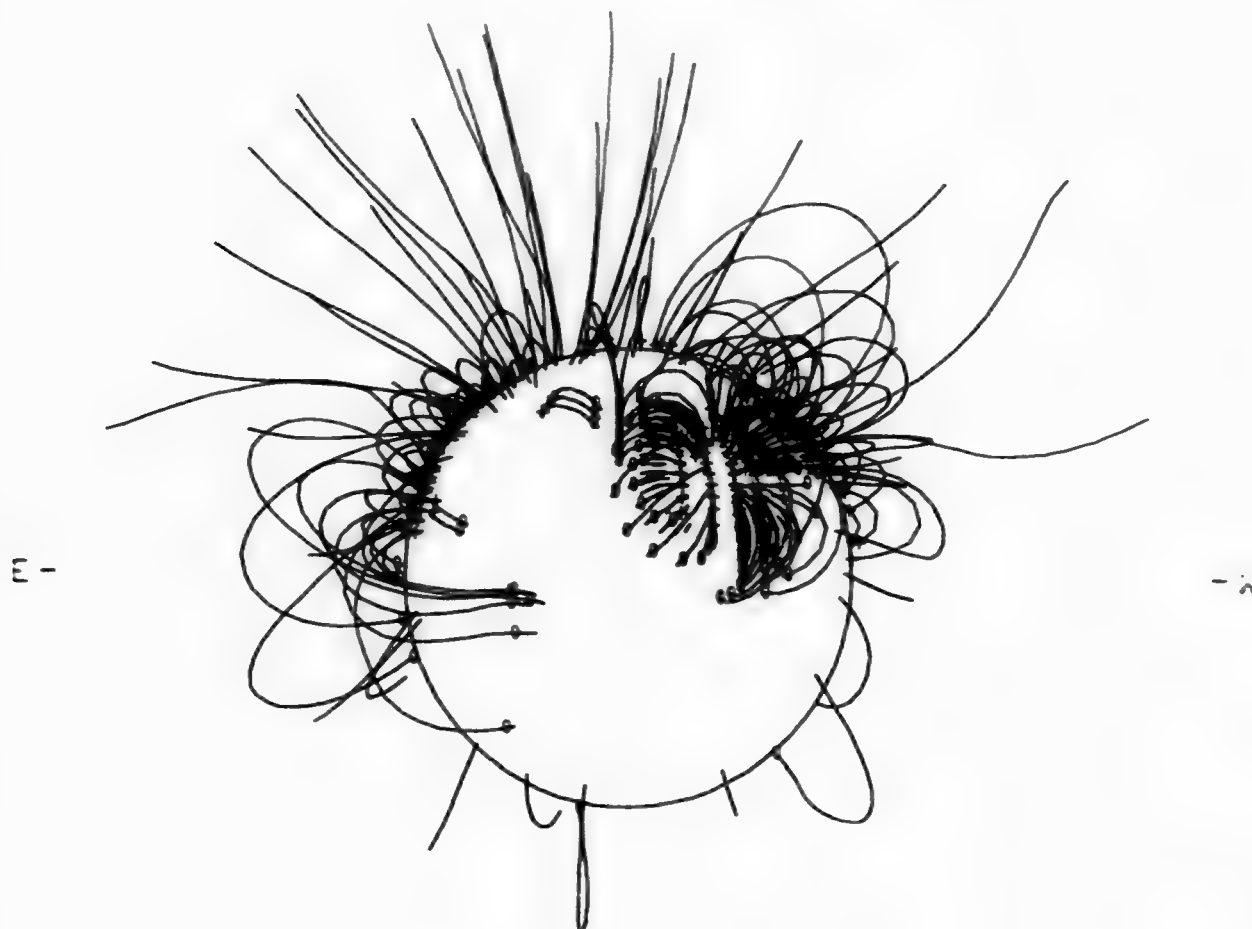


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1510 LONG. 300°
20.7 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

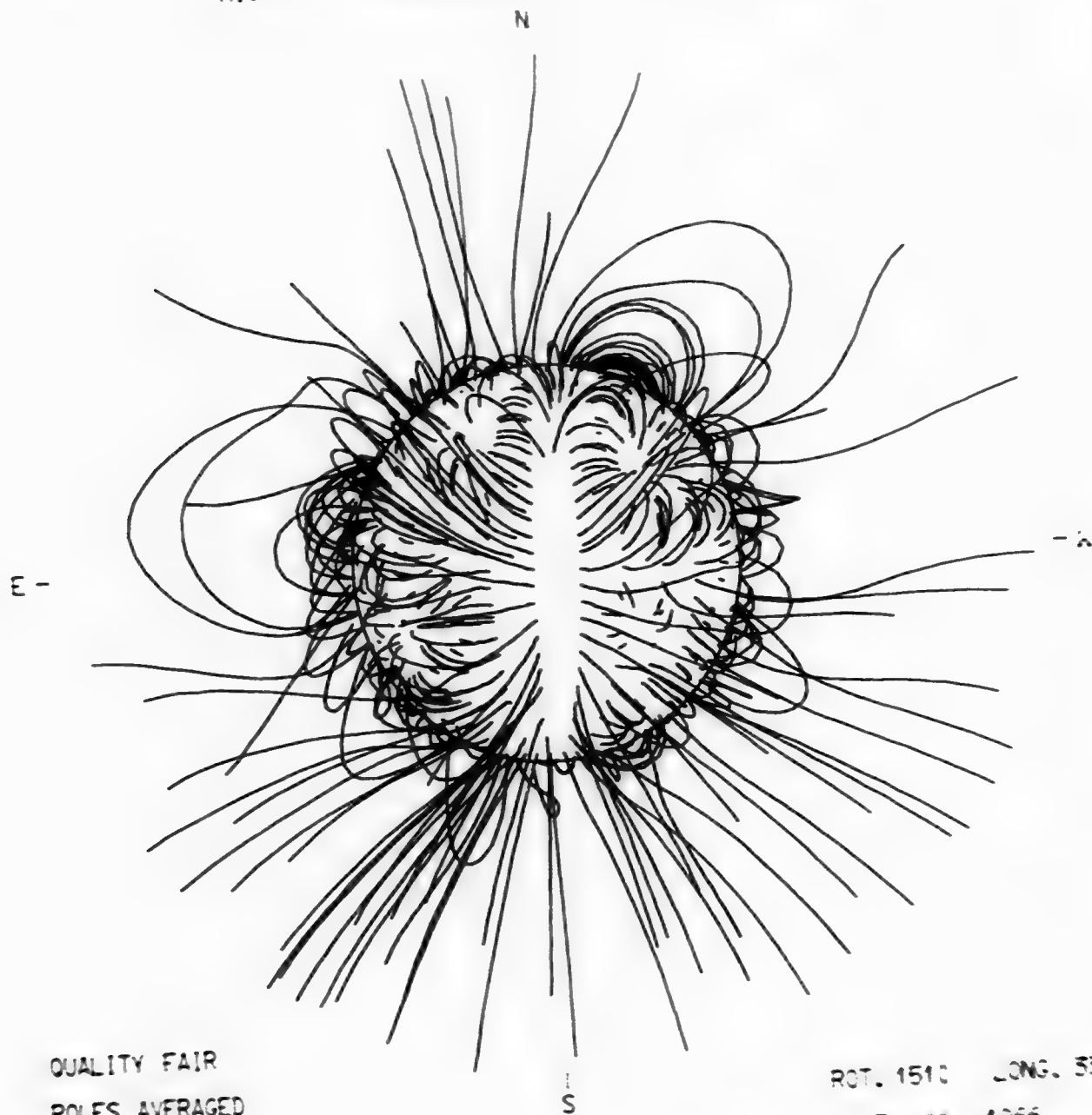
DATA WINDOW 1509.47

S

ROT. 1510 LONG. 511°

20.7 JUL 1966

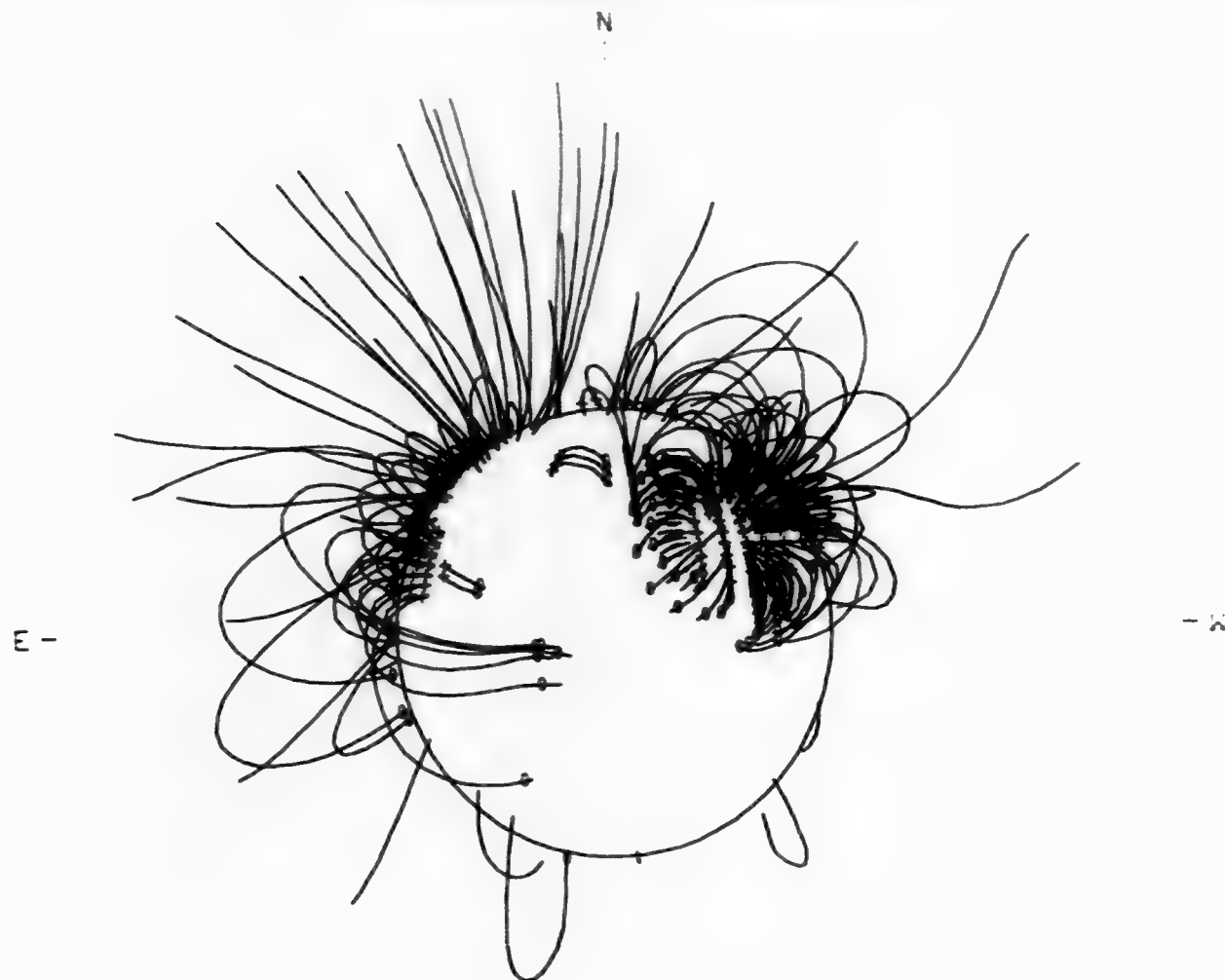
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1510 LONG. 330°
21.5 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

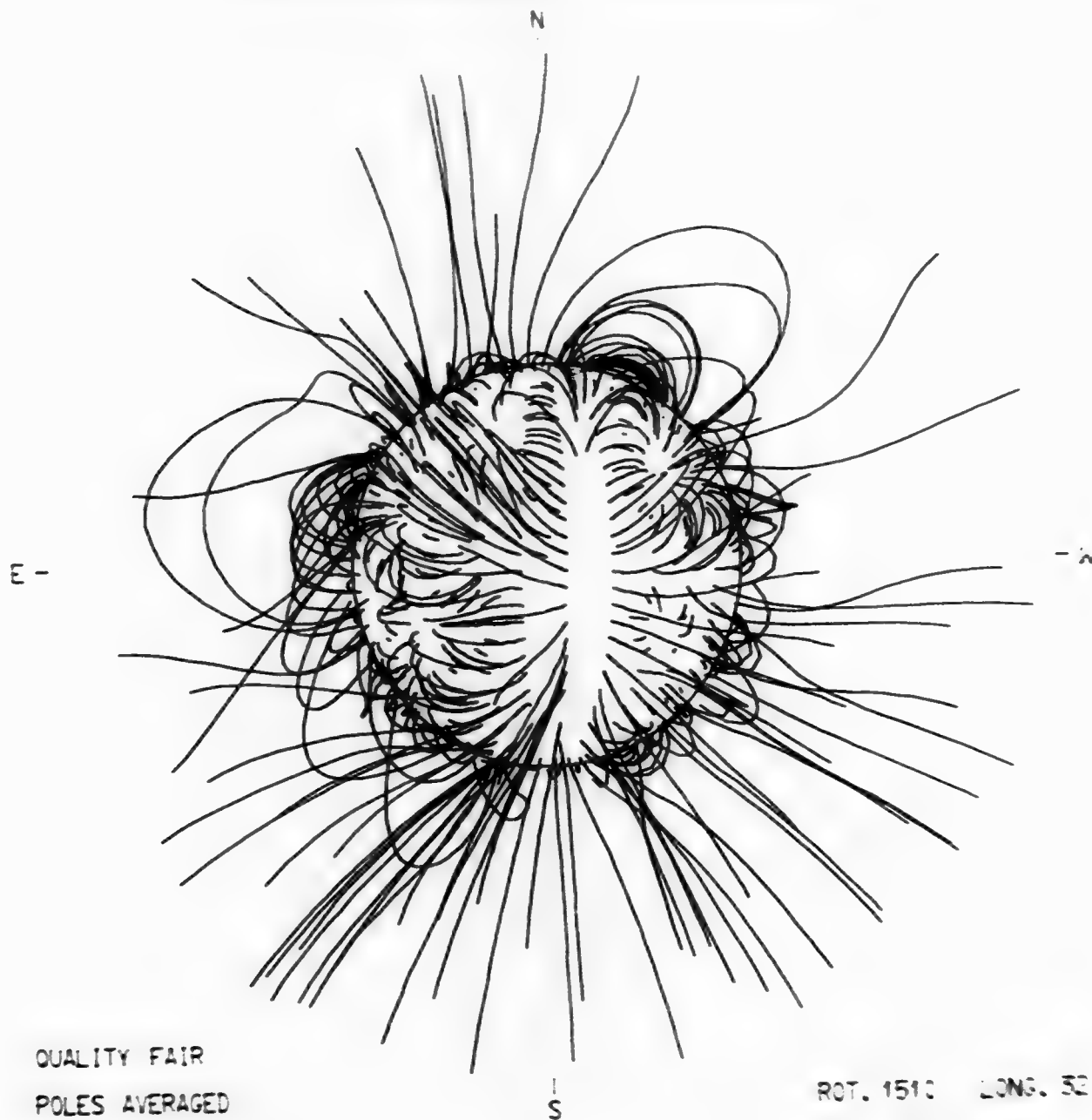


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

S

ROT. 1510 LONG. 550°
21.5 JUL 1966

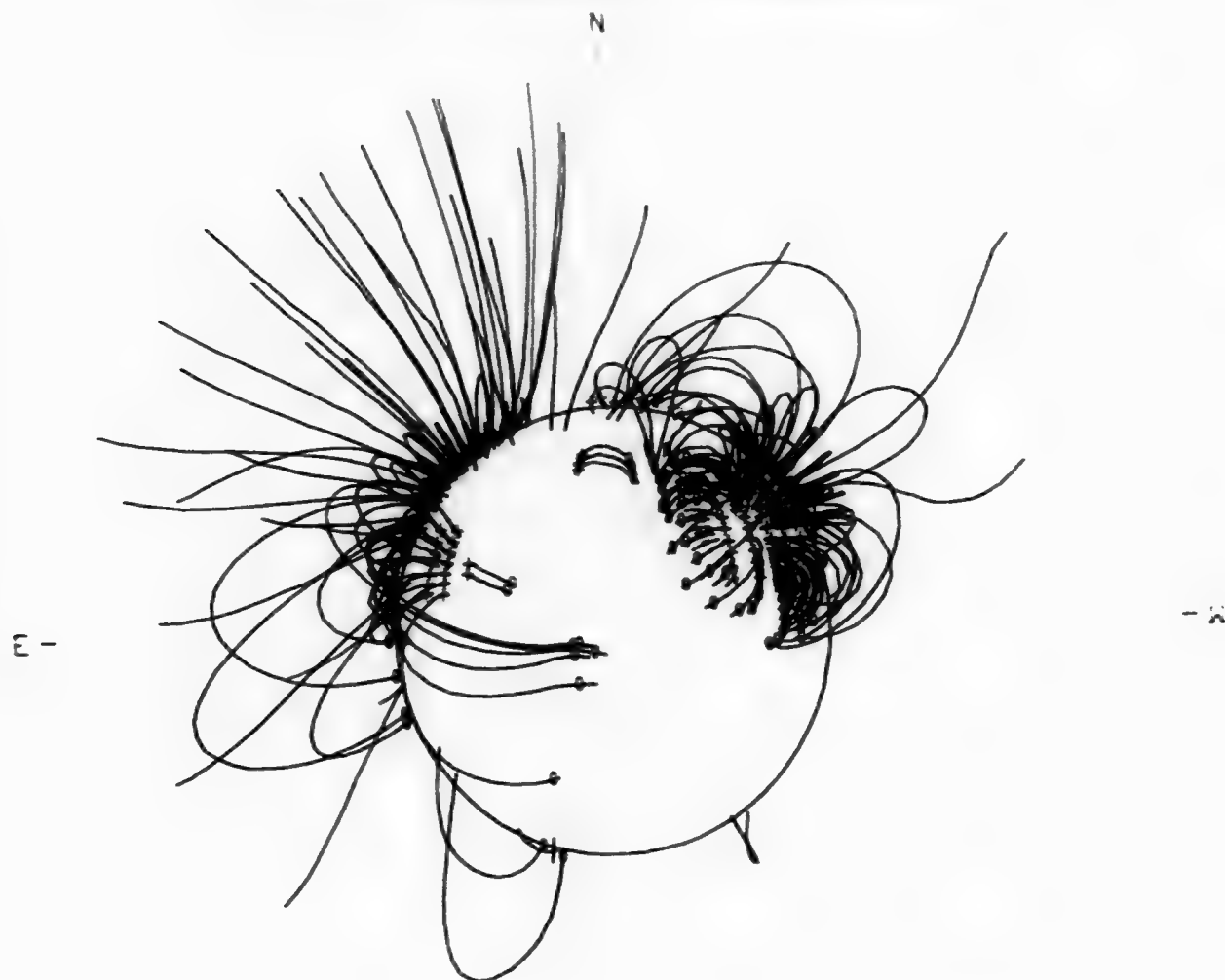
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1510 LONG. 321°
22.5 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

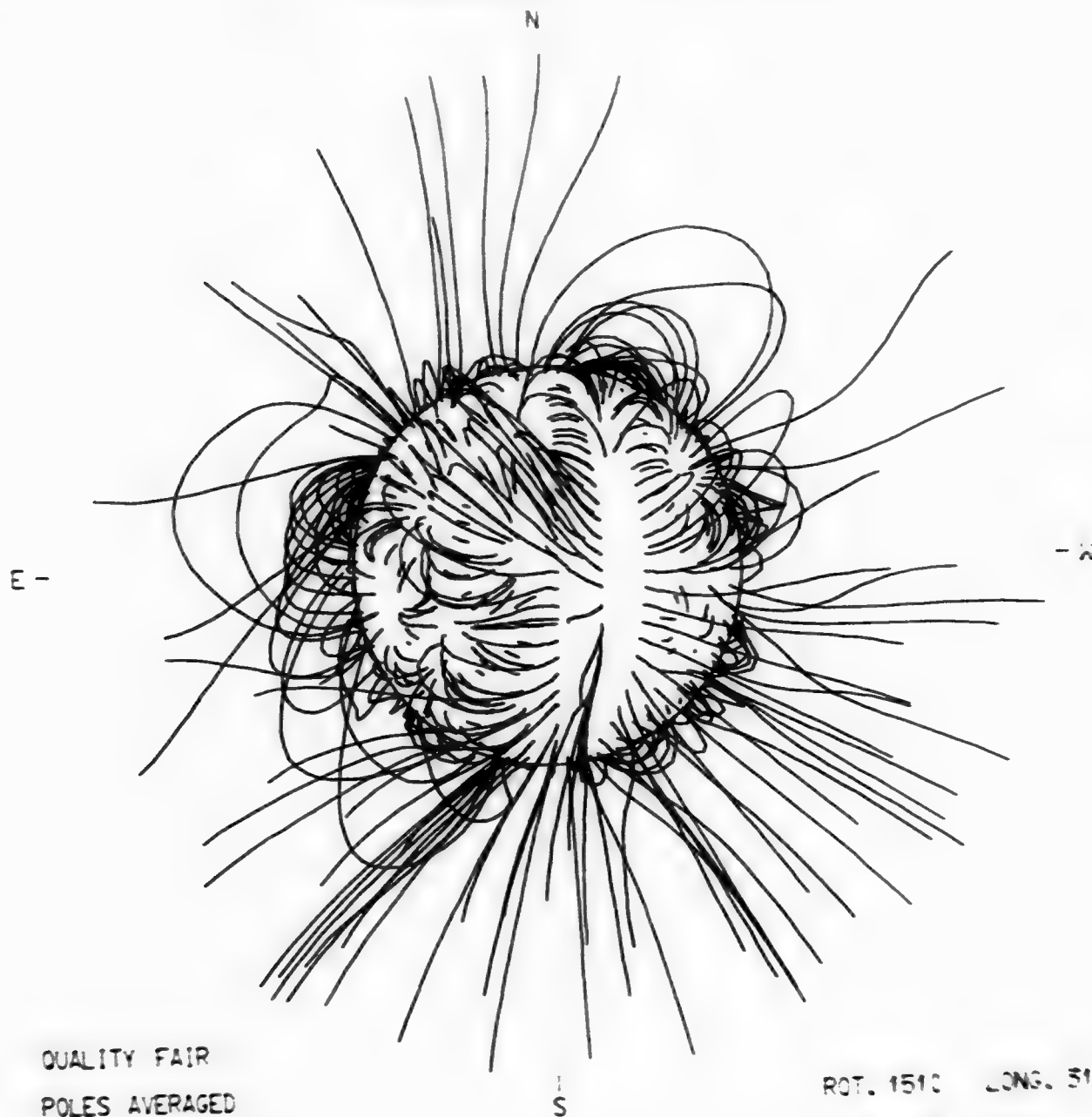


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

S

ROT. 1510 LONG. 320°
22.3 JUL 1966

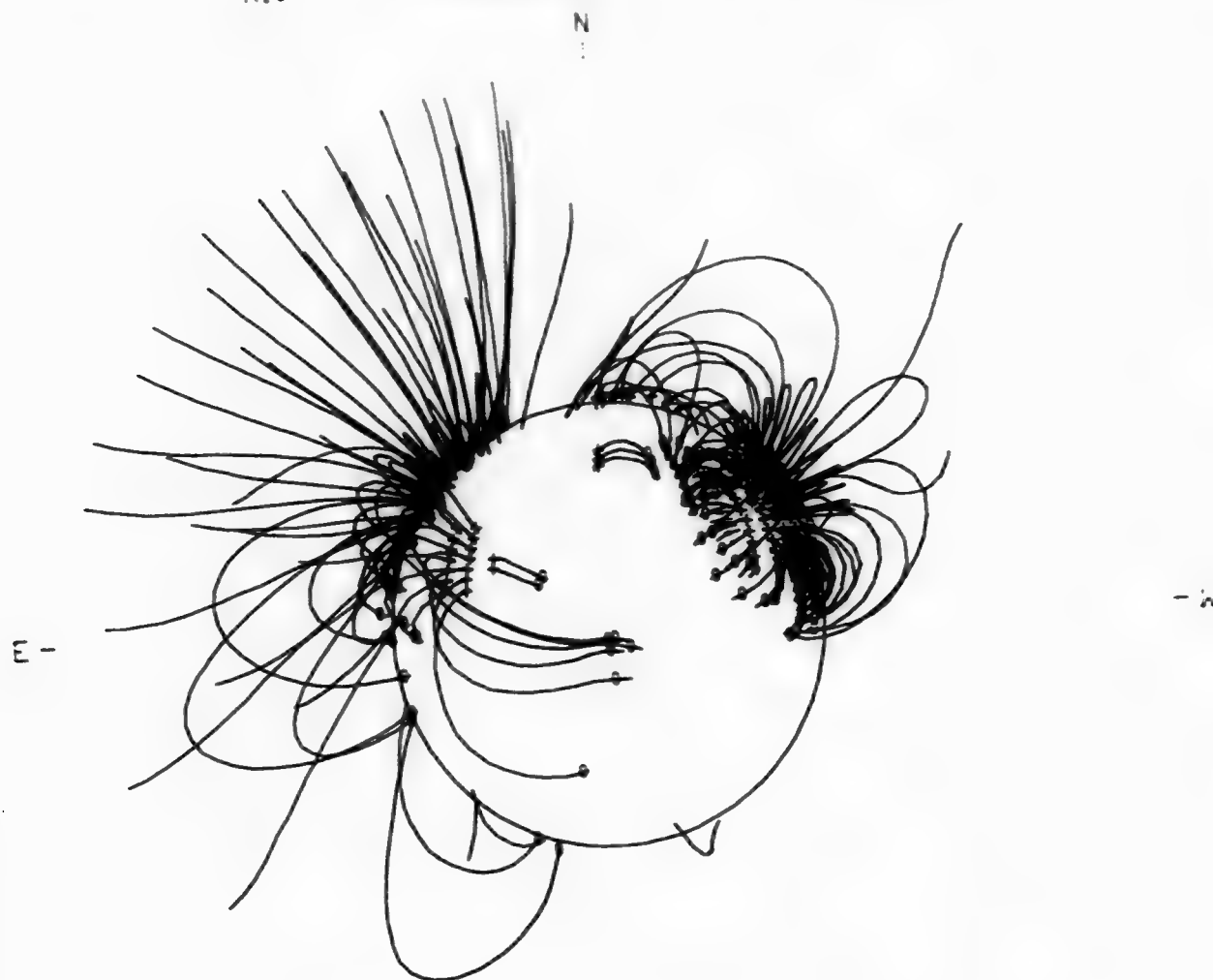
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1510 LONG. 310°
23.0 JUL 1966

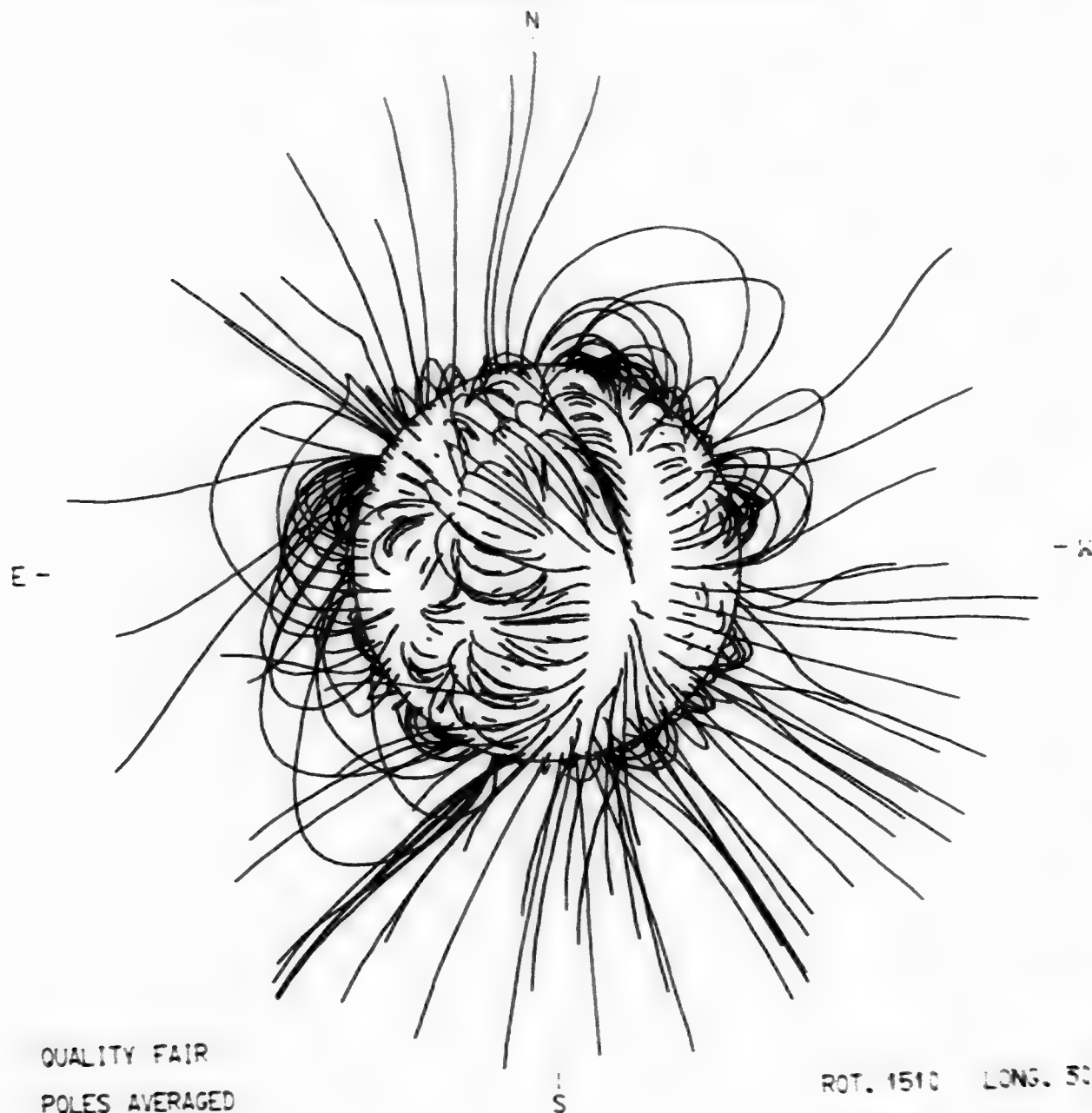
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1510 LONG. 310°
23.0 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1510 LONG. 500°
23.8 JUL 1966

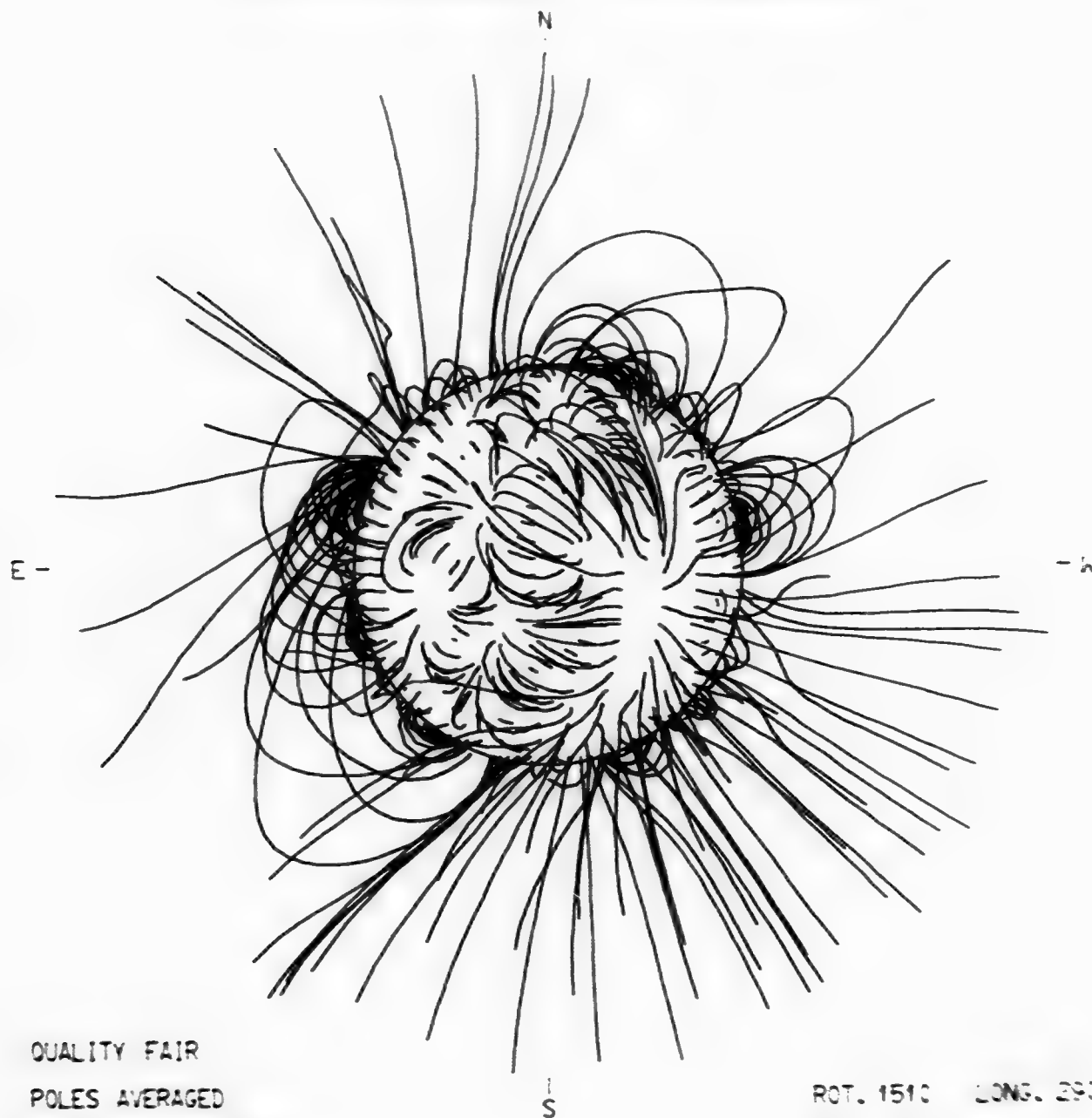
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1510 LONG. 511°
23.8 JUL 1966

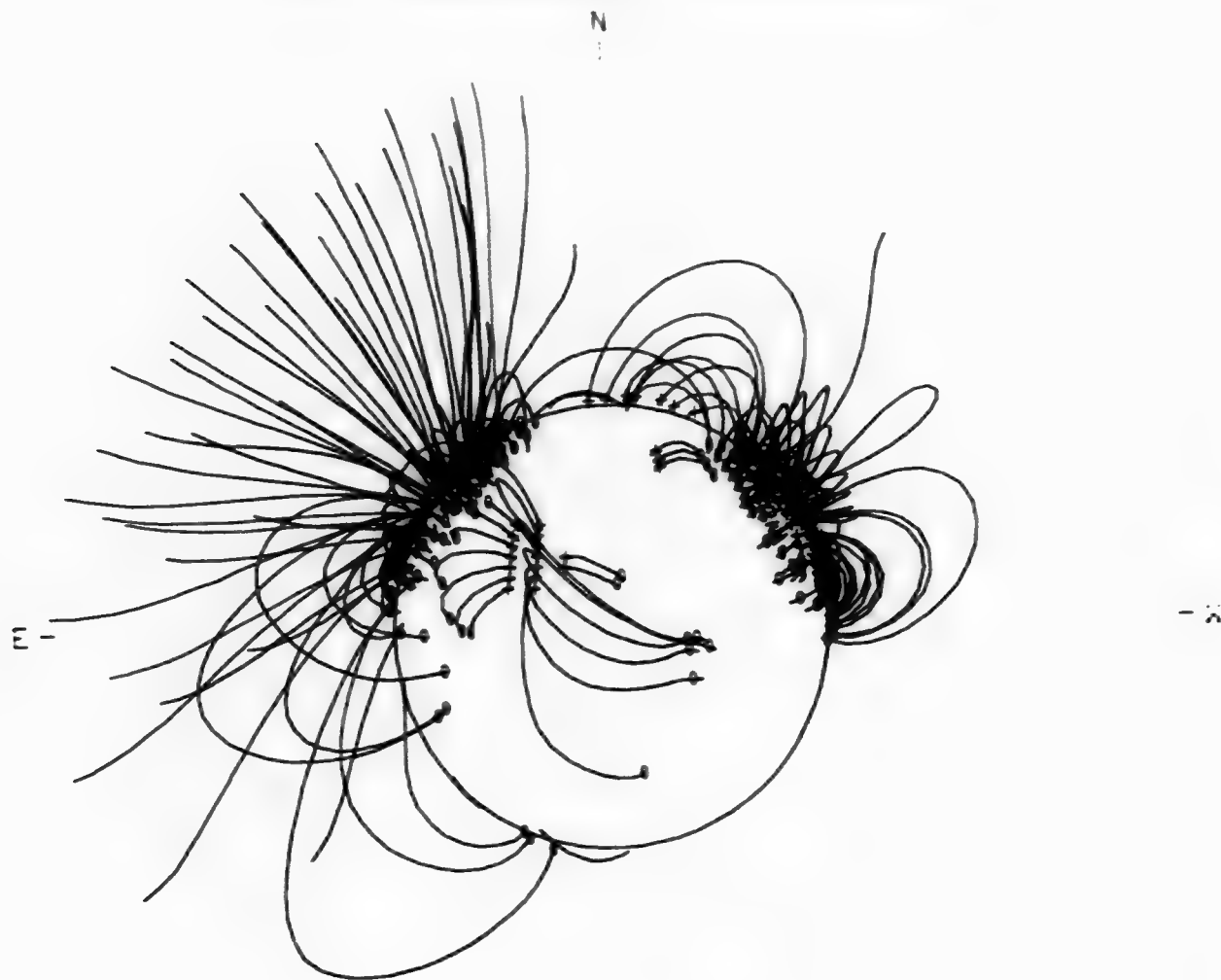
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1510 LONG. 291°
24.5 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

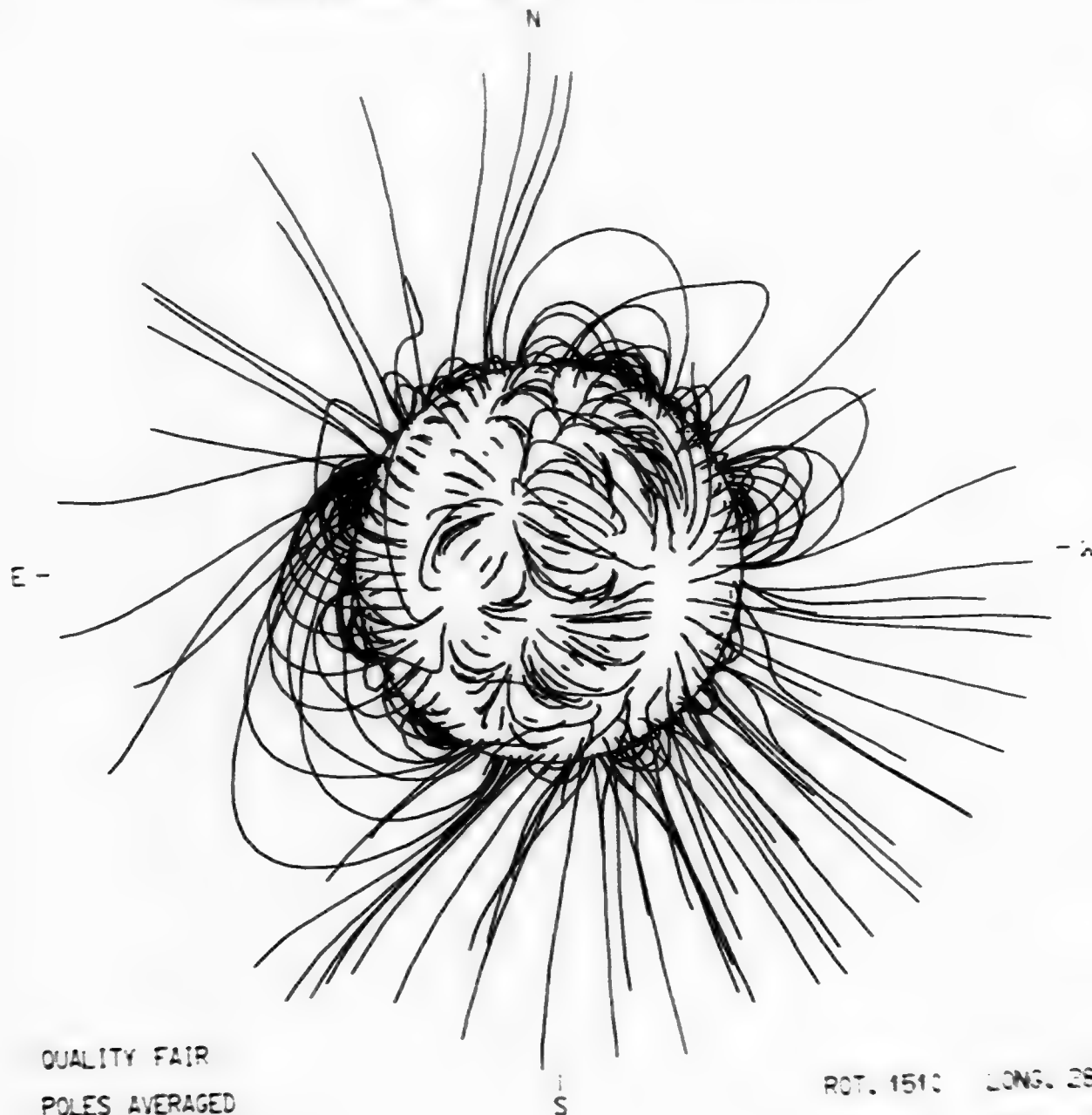


QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1509.47

S

ROT. 1510 LONG. 290°
 24.5 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

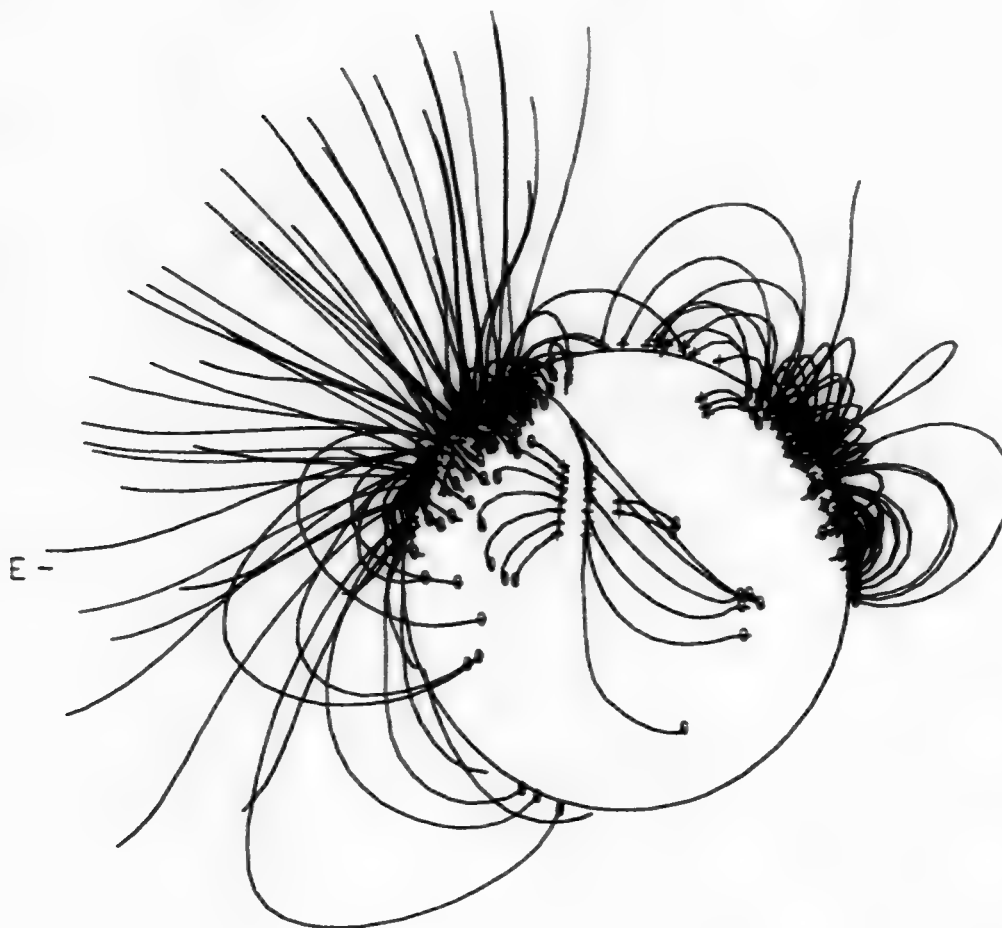


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1510 LONG. 280°
25.3 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES AVERAGED

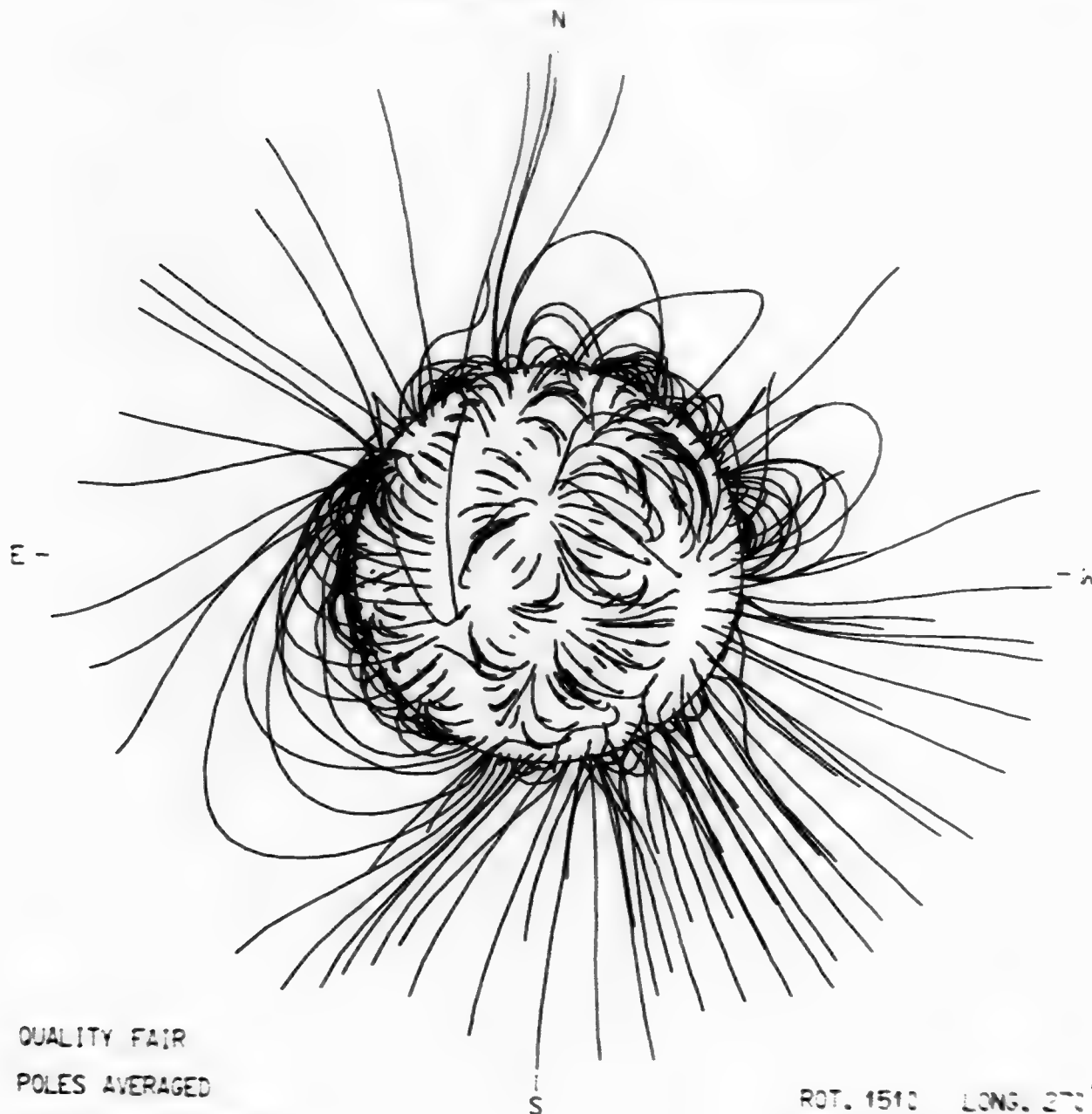
DATA WINDOW 1509.47

S

ROT. 1510 LONG. 280°

25.3 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

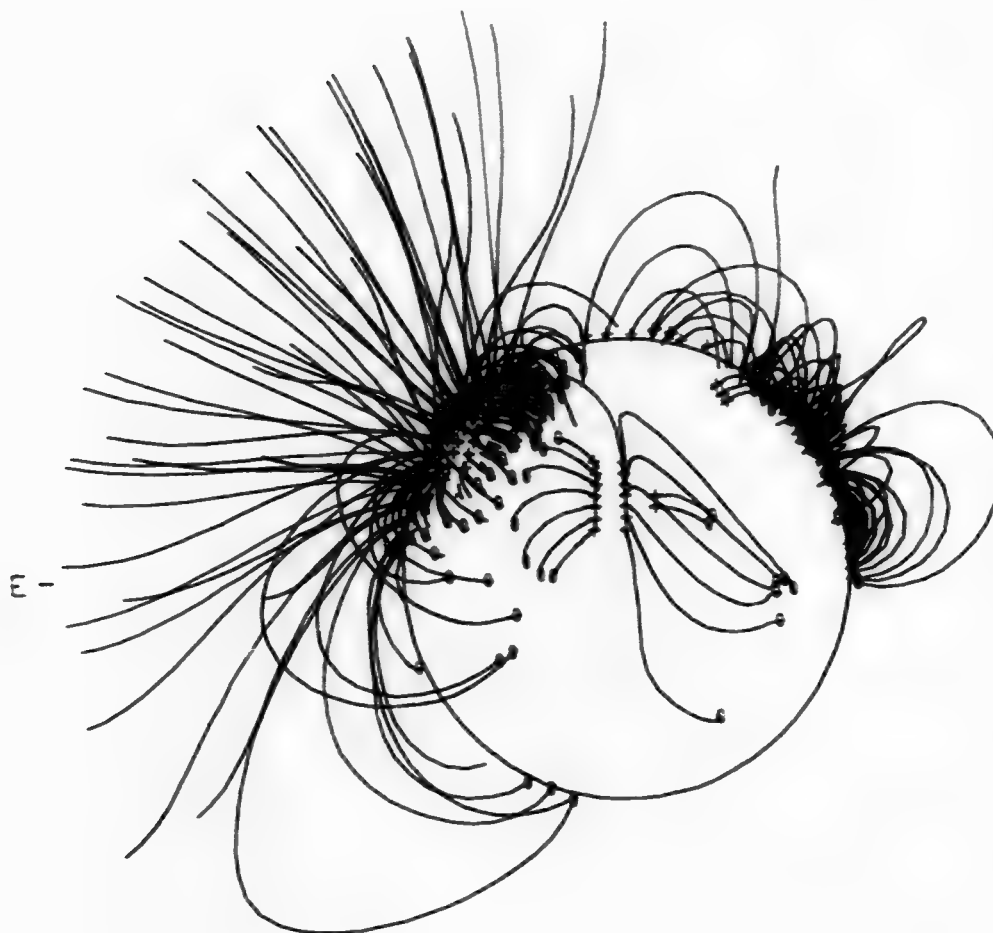


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

ROT. 1510 LONG. 270°
26.0 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



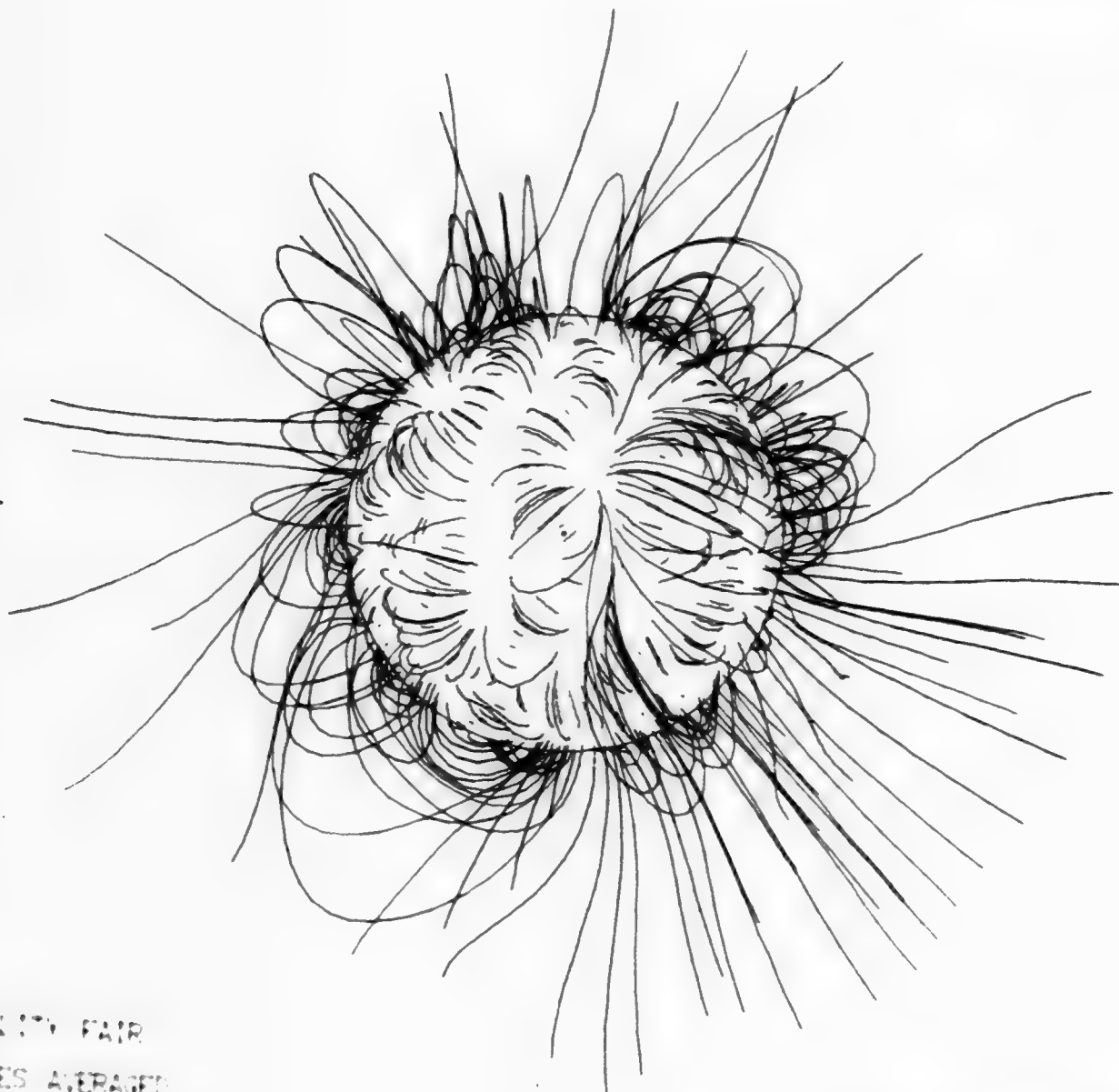
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1509.47

S

ROT. 1510 LONG. 270°
26.0 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR
PULES AVERAGED
DATA WINDOW 1510.00

PUT. 1510 1510.00
DATE 11 1968

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

- W

QUALITY FAIR

PULSES AVERAGED

DATA WINDOW 1510.00

S

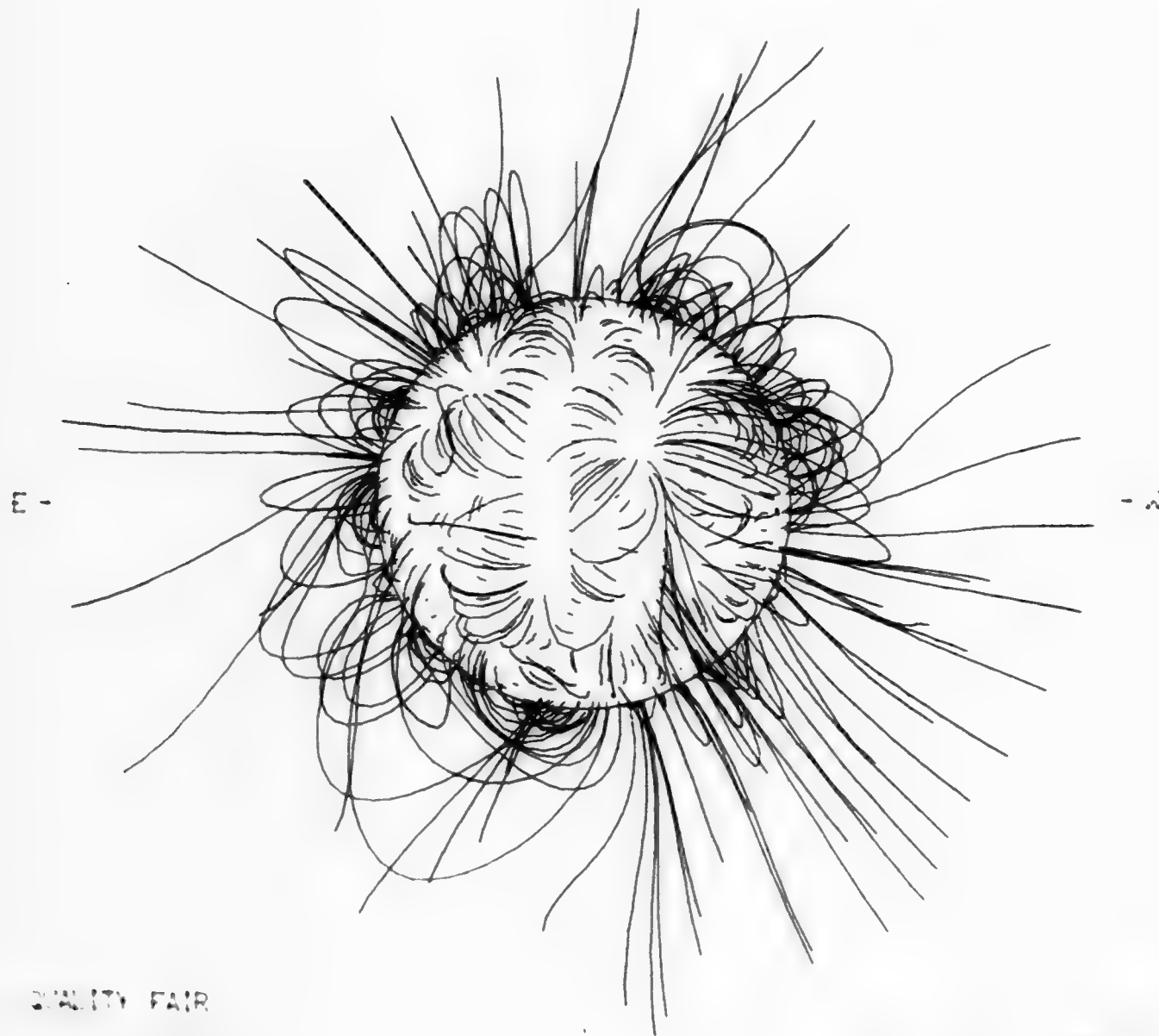
R.T. 1510

LONG. 1510°

25.8

1.255

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

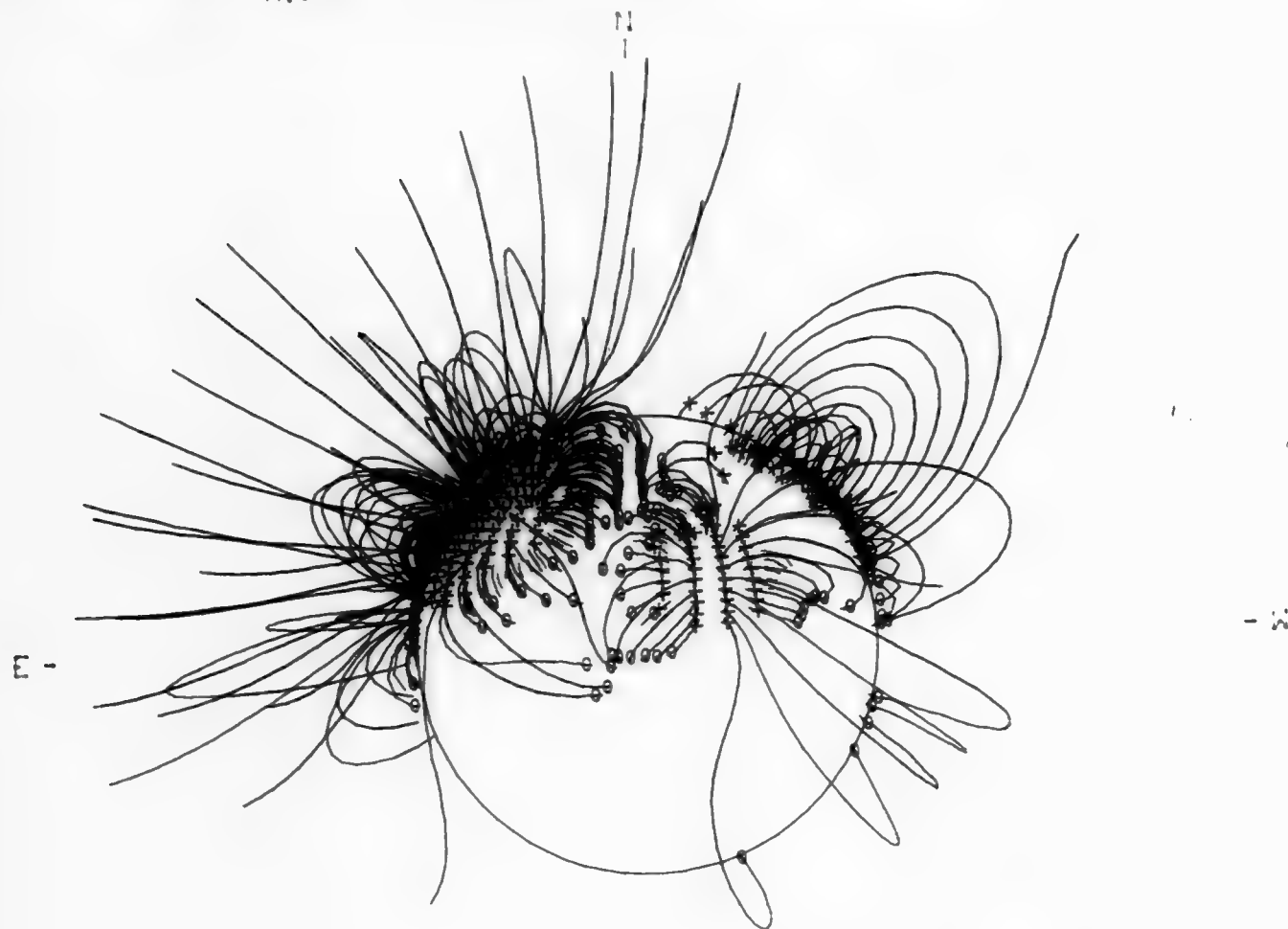
DATA WINDOW 1510.00

S

R.T. 1510 2010.251

27.5 01 1.85

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

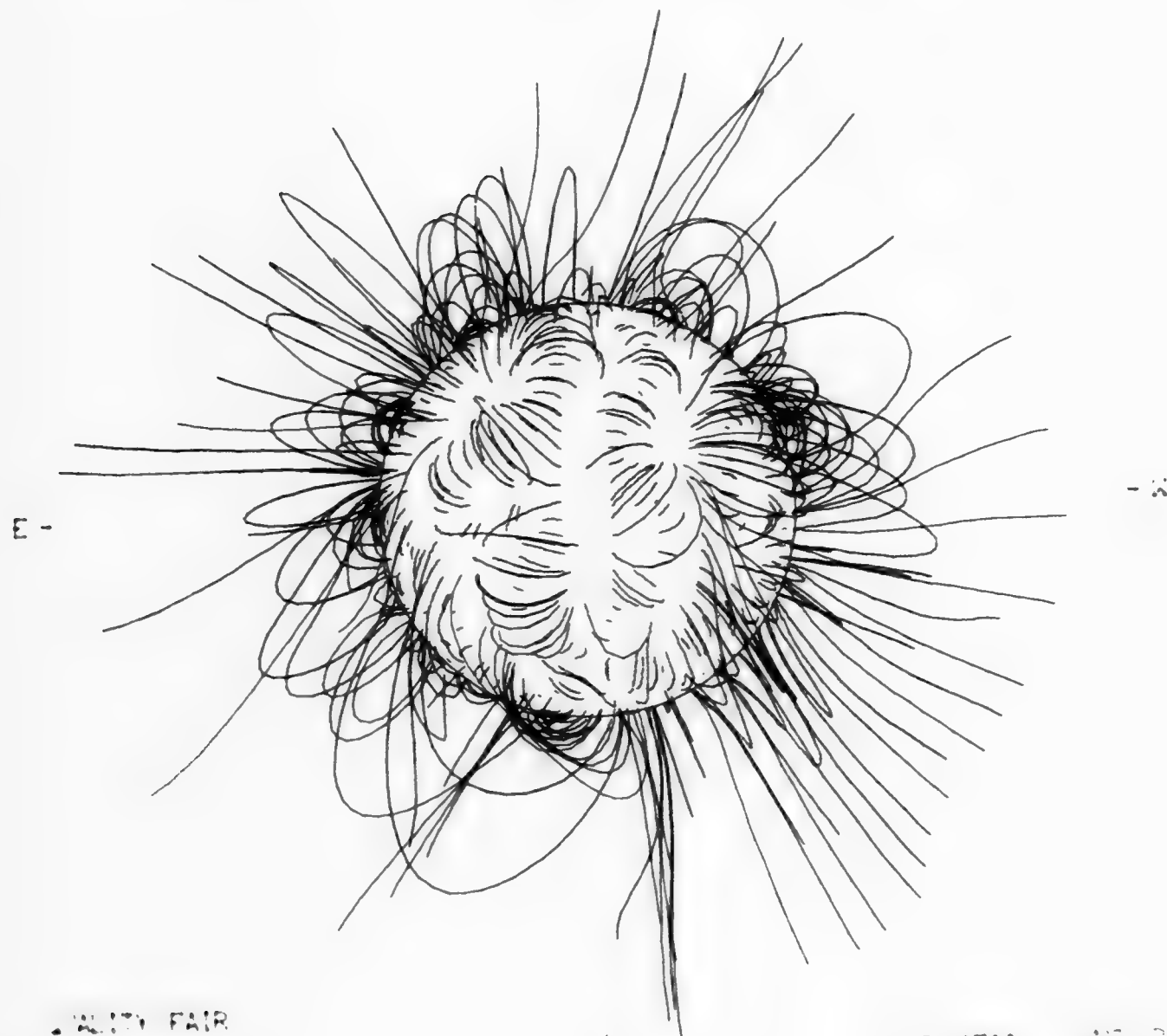
POLES AVERAGED

DATA WINDOW 1510.00

1
S

ROT. 1510 LONG. 251°
27.5 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



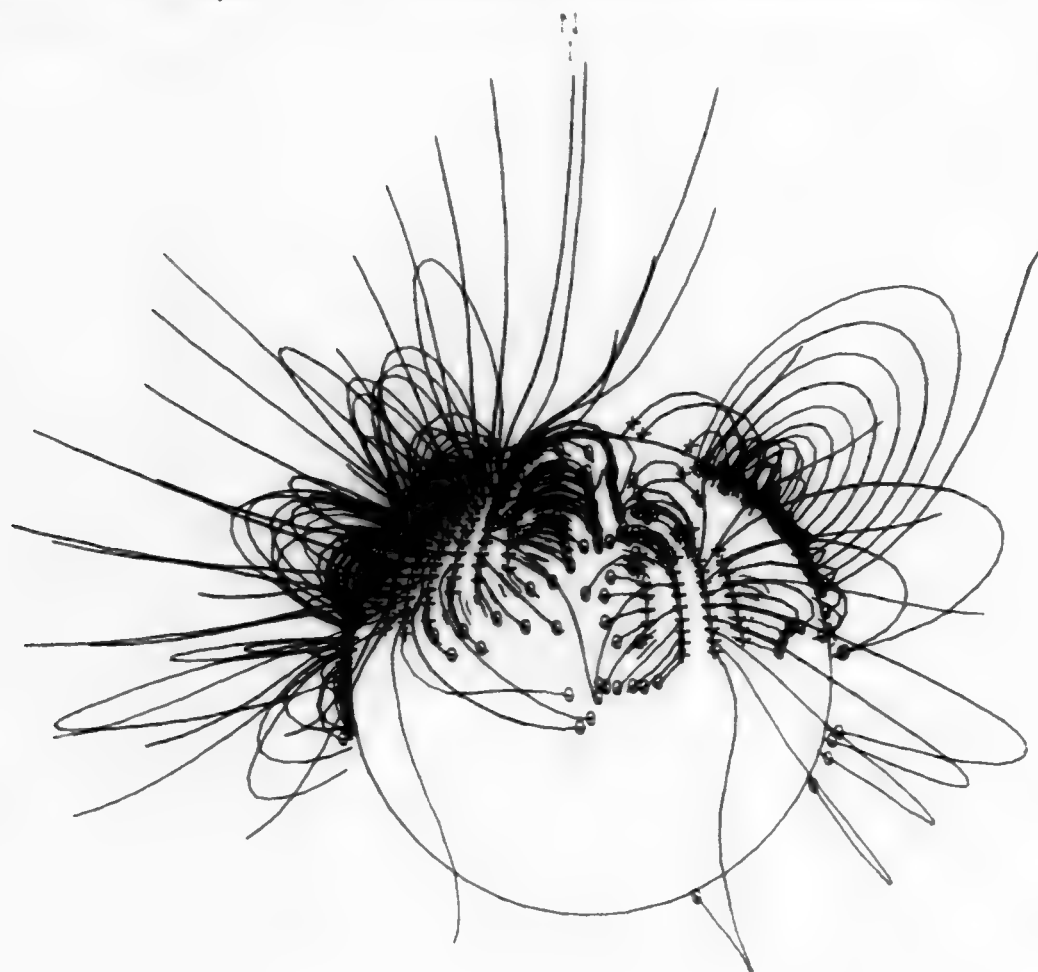
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1510.00

S

20.7 1510 1115.241
28.5 111 1965

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



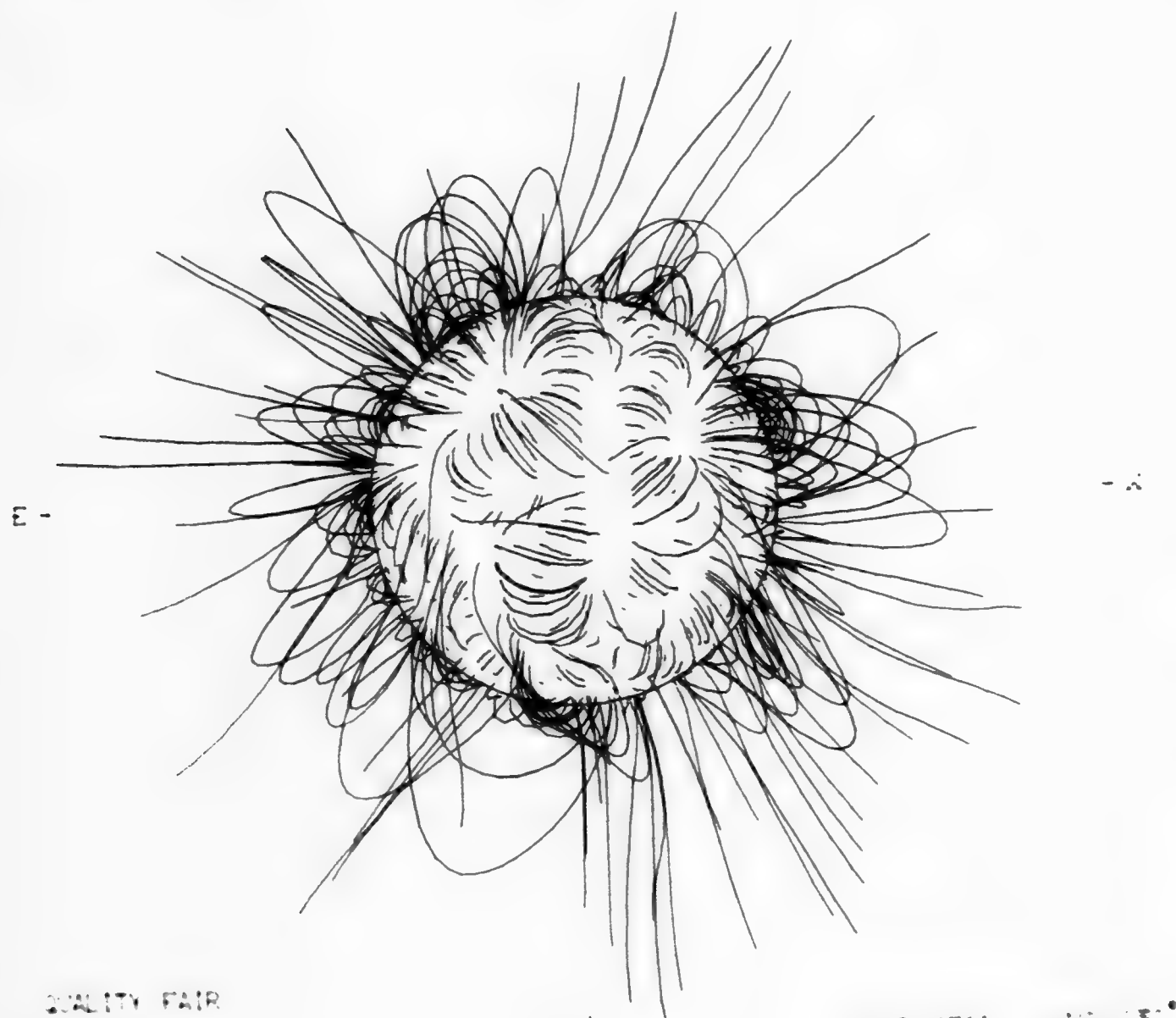
- 2 -

QUALITY FAIR
 FILES AVERAGED
 DATA RUN ON 1510.00

S

R.T. 1510 1010.241°
 28.5 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

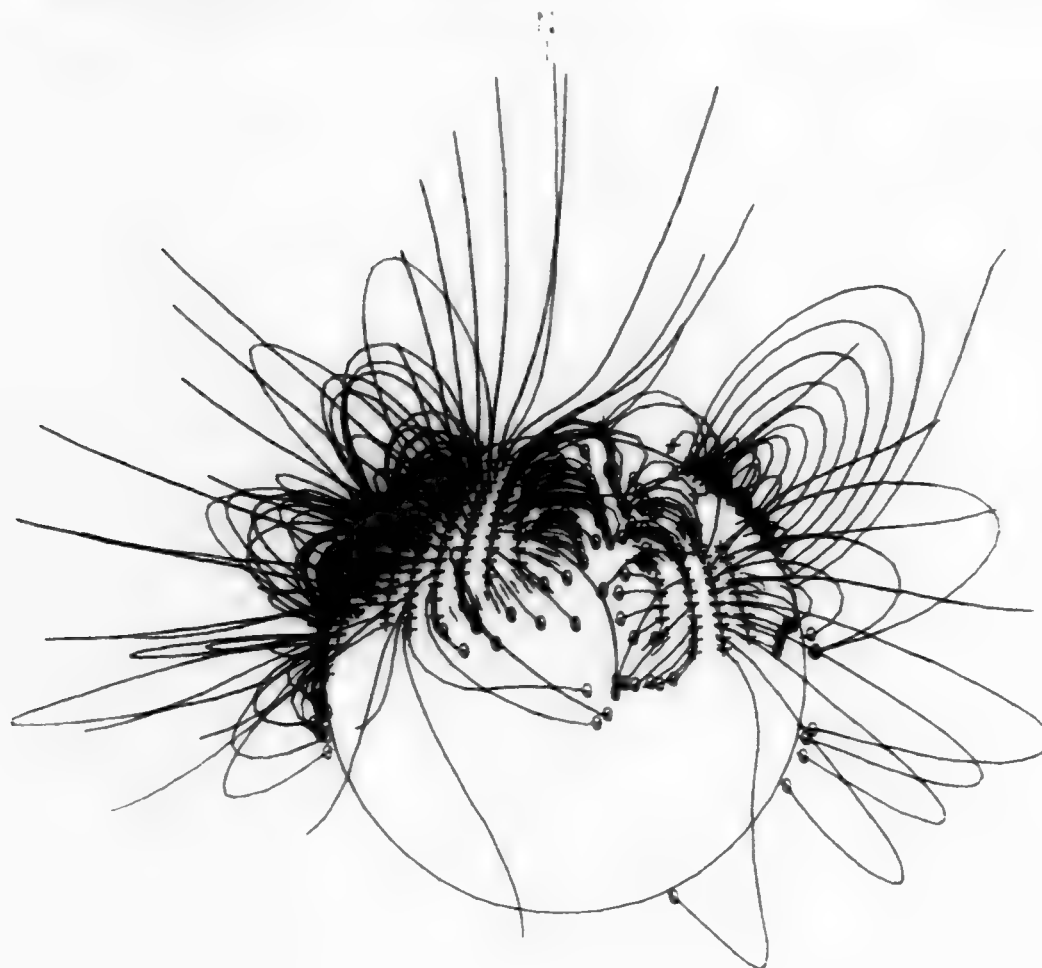
S

QUALITY FAIR
POLES AVERAGED
DATA WINDS 1510.00

8.7. '51 200.00°
24.0 '51 195°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

FILES AVERAGED

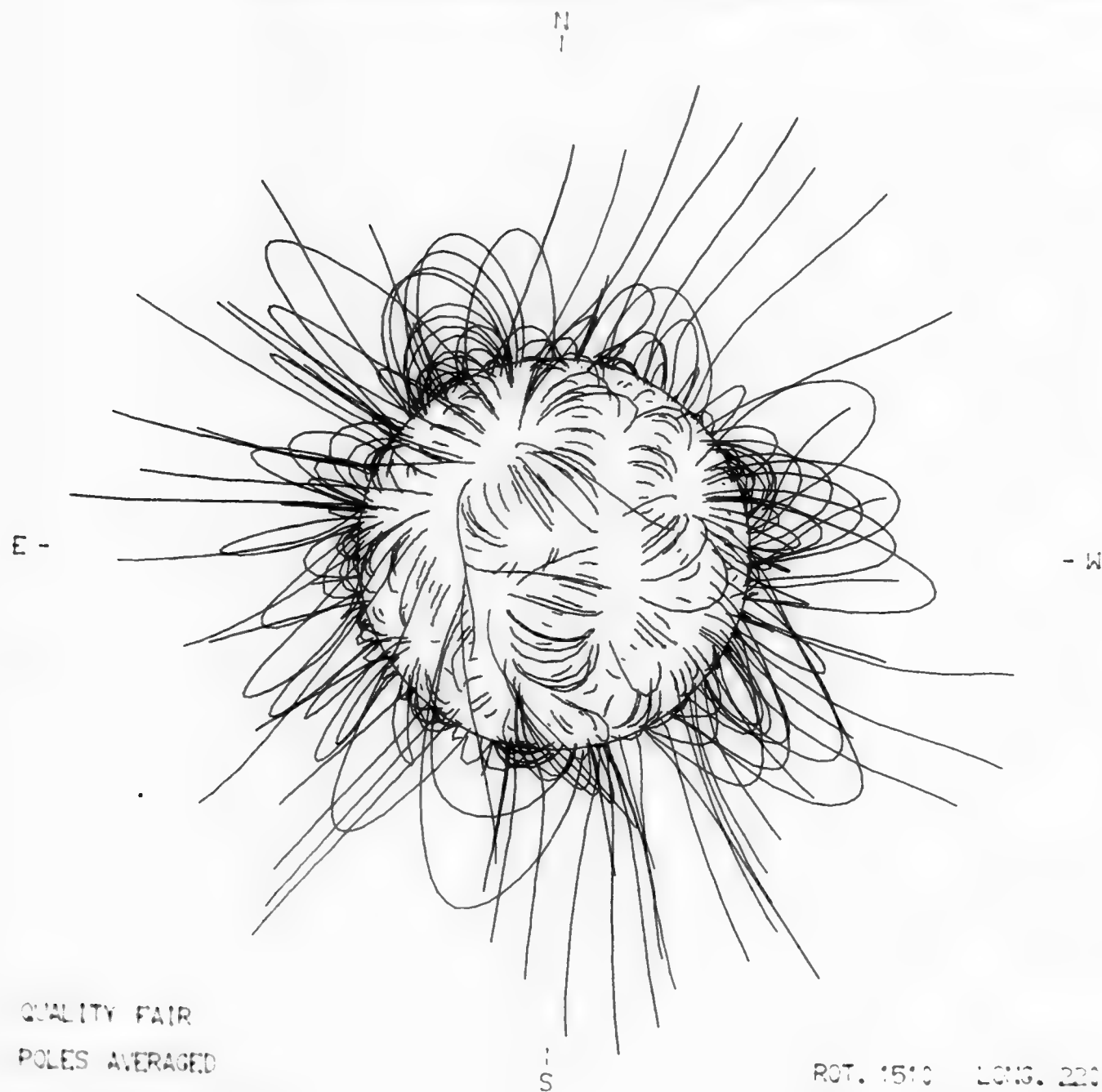
DATA ACQUISITION 1510.00

5

8.7.15.1 1.11.15.1

29.1 11.15.15

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

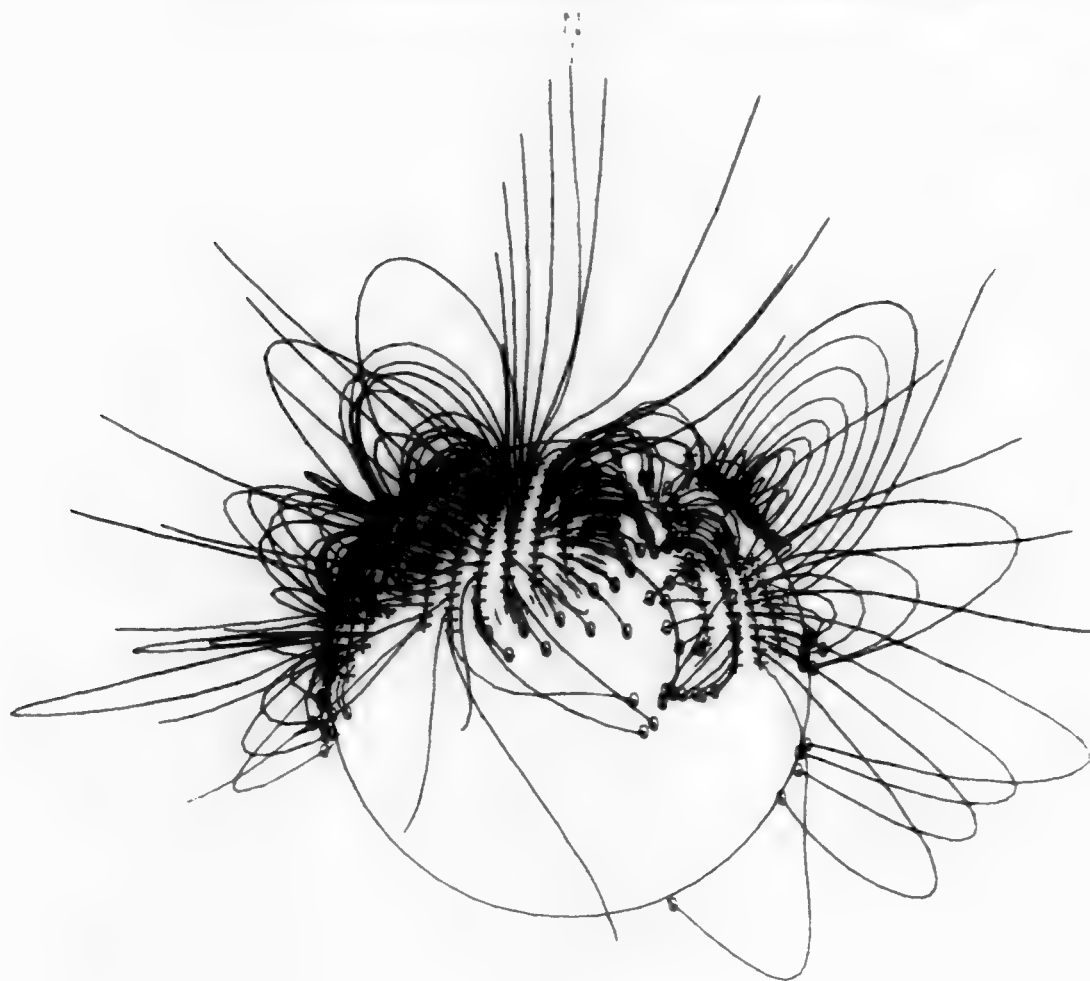
DATA WINDOW 1510.00

ROT. 1510 LONG. 220°

29.8 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

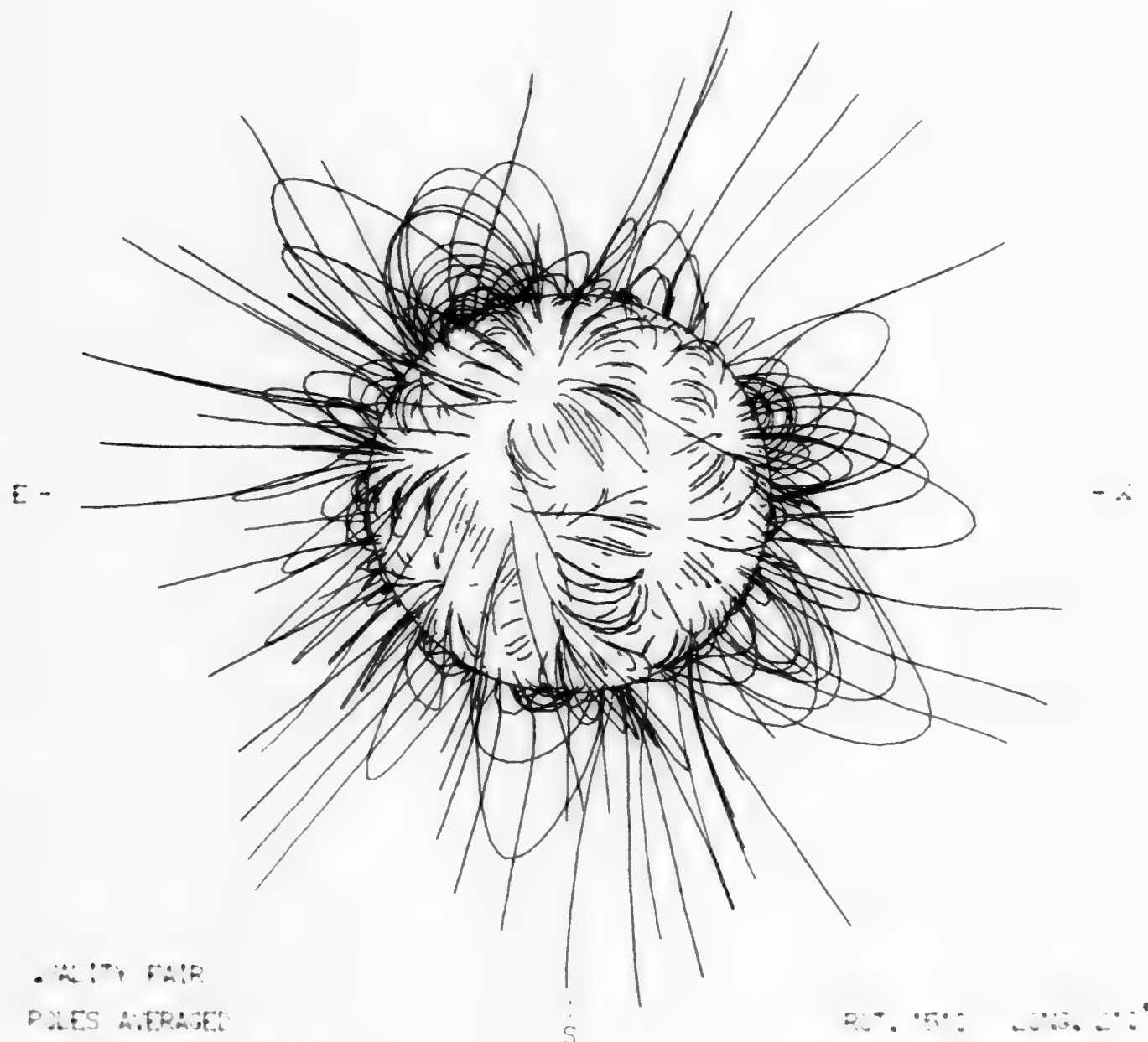
FILES AVERAGE

CATA WINDOW 1510.00

207.151 1000.000

24.8 JUL 1965

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

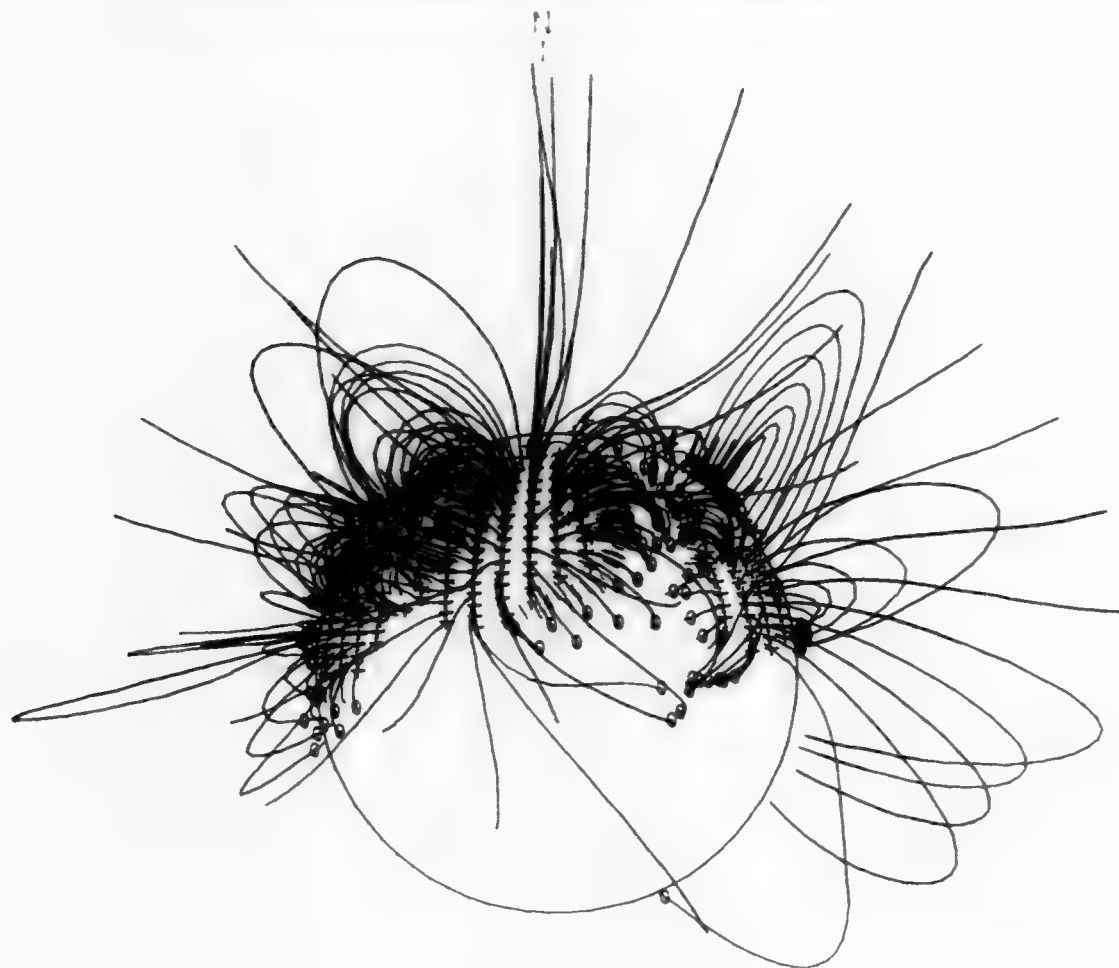


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 15'0.00

ROT. 15'0 LONG. 2'0
30.6 JUL 1996

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

POLES AVERAGED

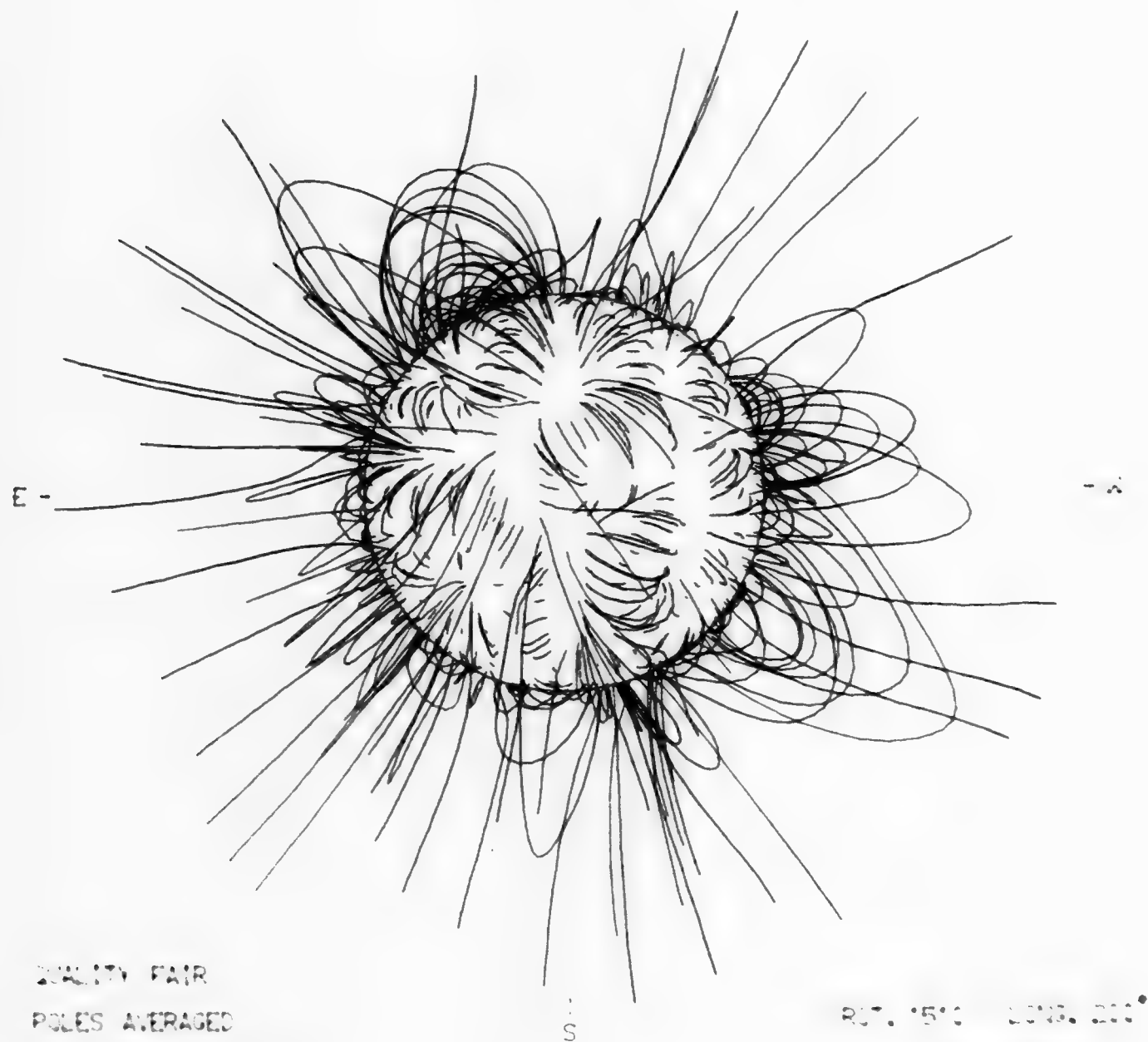
DATA WINDOW 1510.00

1
S

RUT. 1510 LONG. 211°

30.6 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

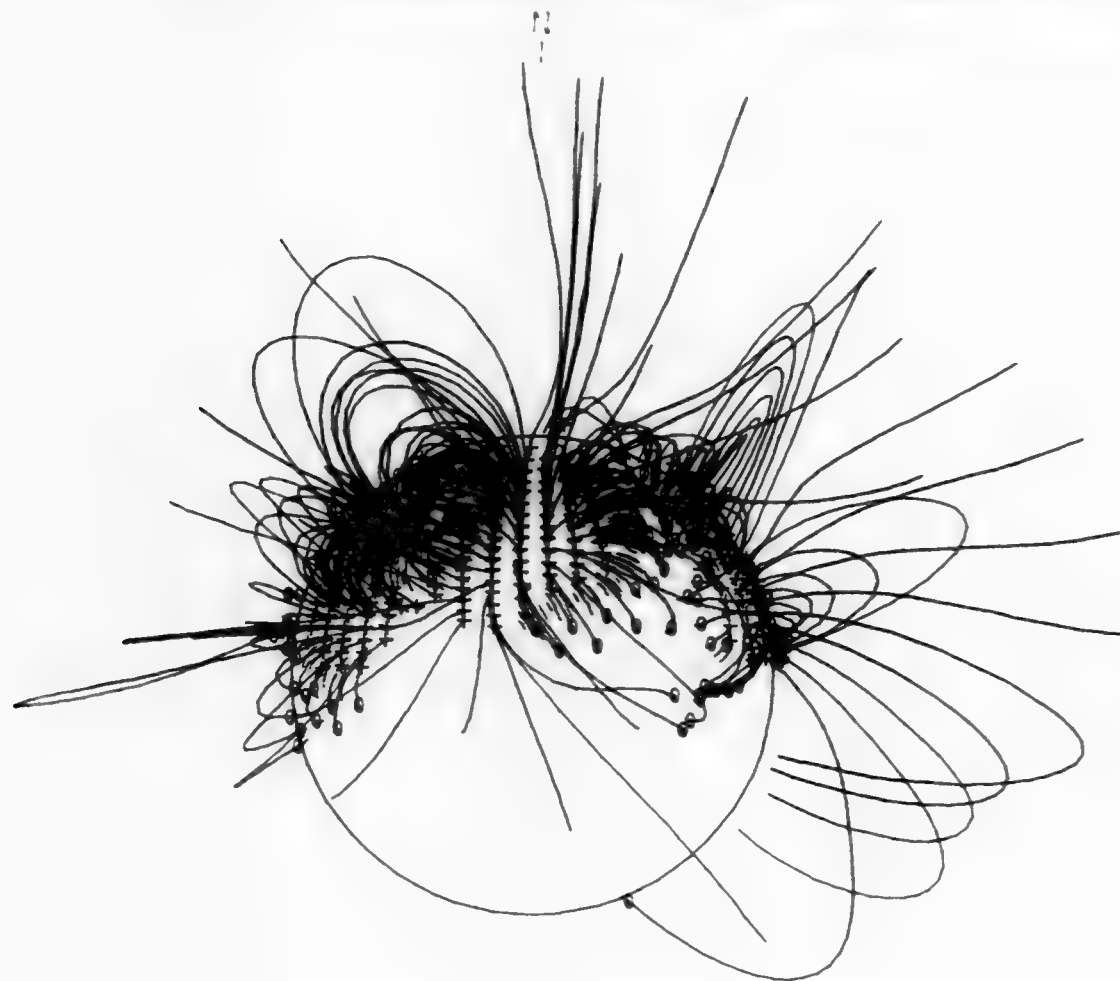
DATA WINDOW 1510.00

ROT. 15° LONG. 200°

3.3 JUL 1986

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

POLES AVERAGED

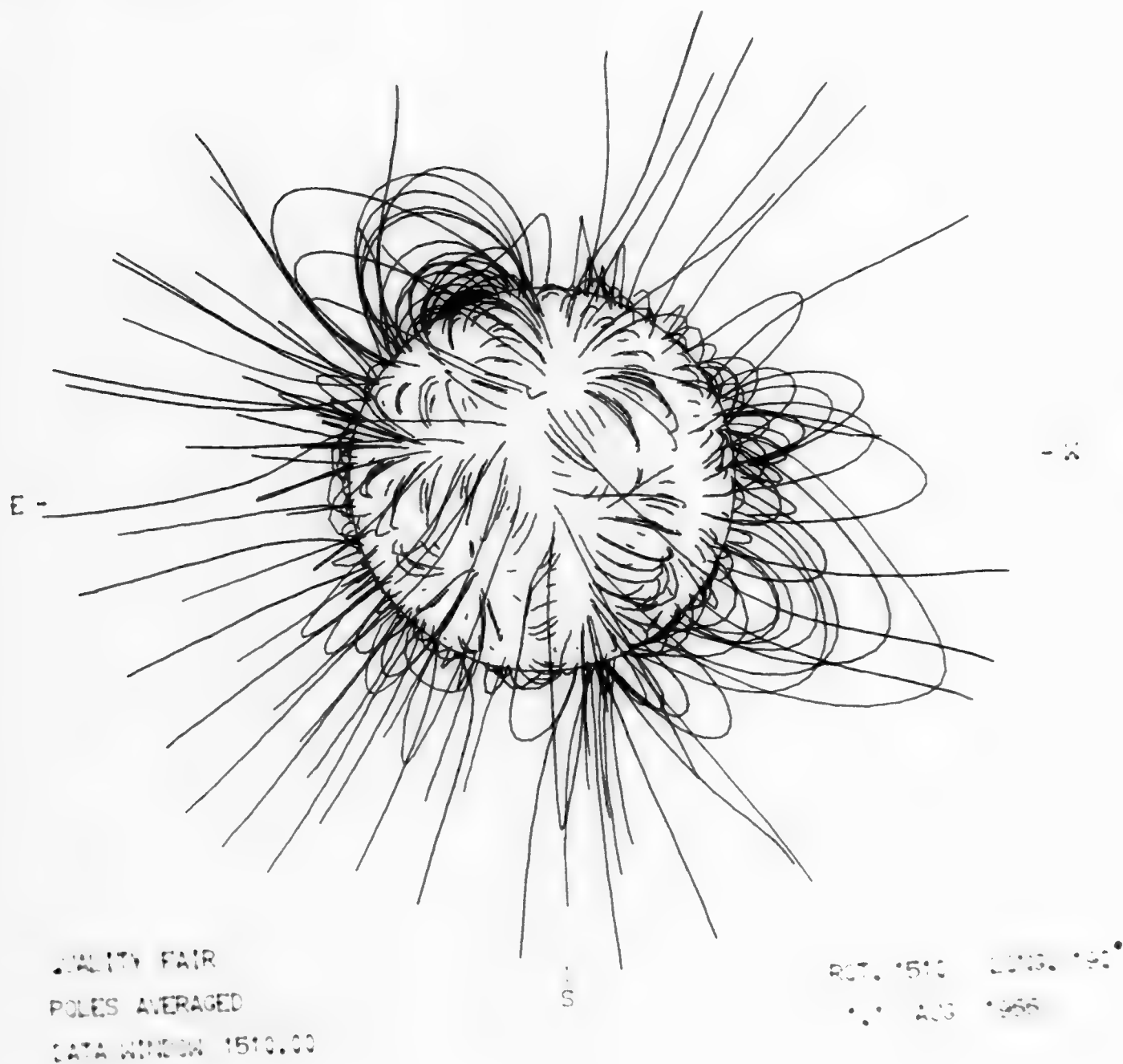
DATA WINDOW 1510.00

S

RUT. 1510 2010.200

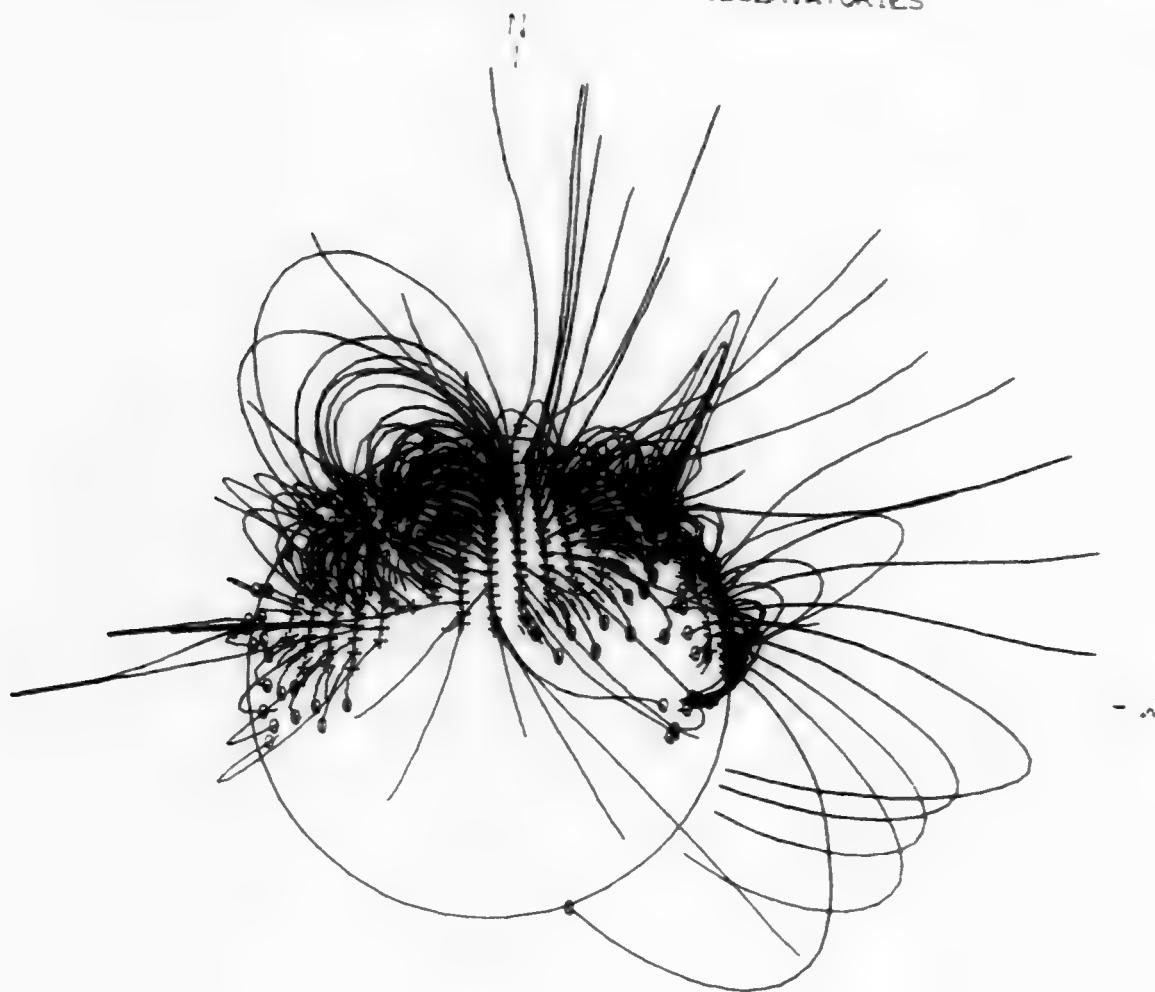
31.3 JUL 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

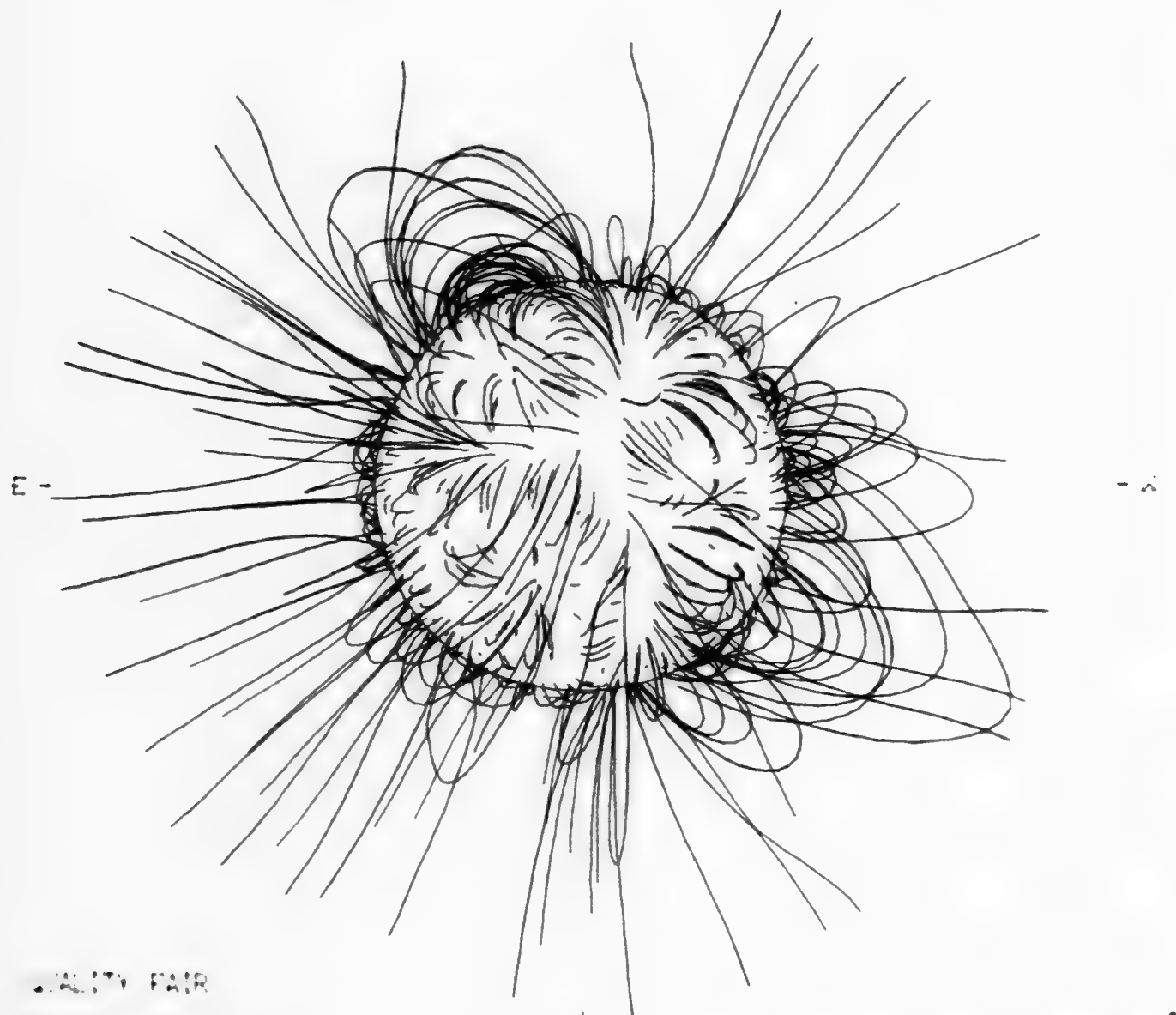


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1510.00

S

ROT. 15.0 2013. 140°
1.1 2.0 1.000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

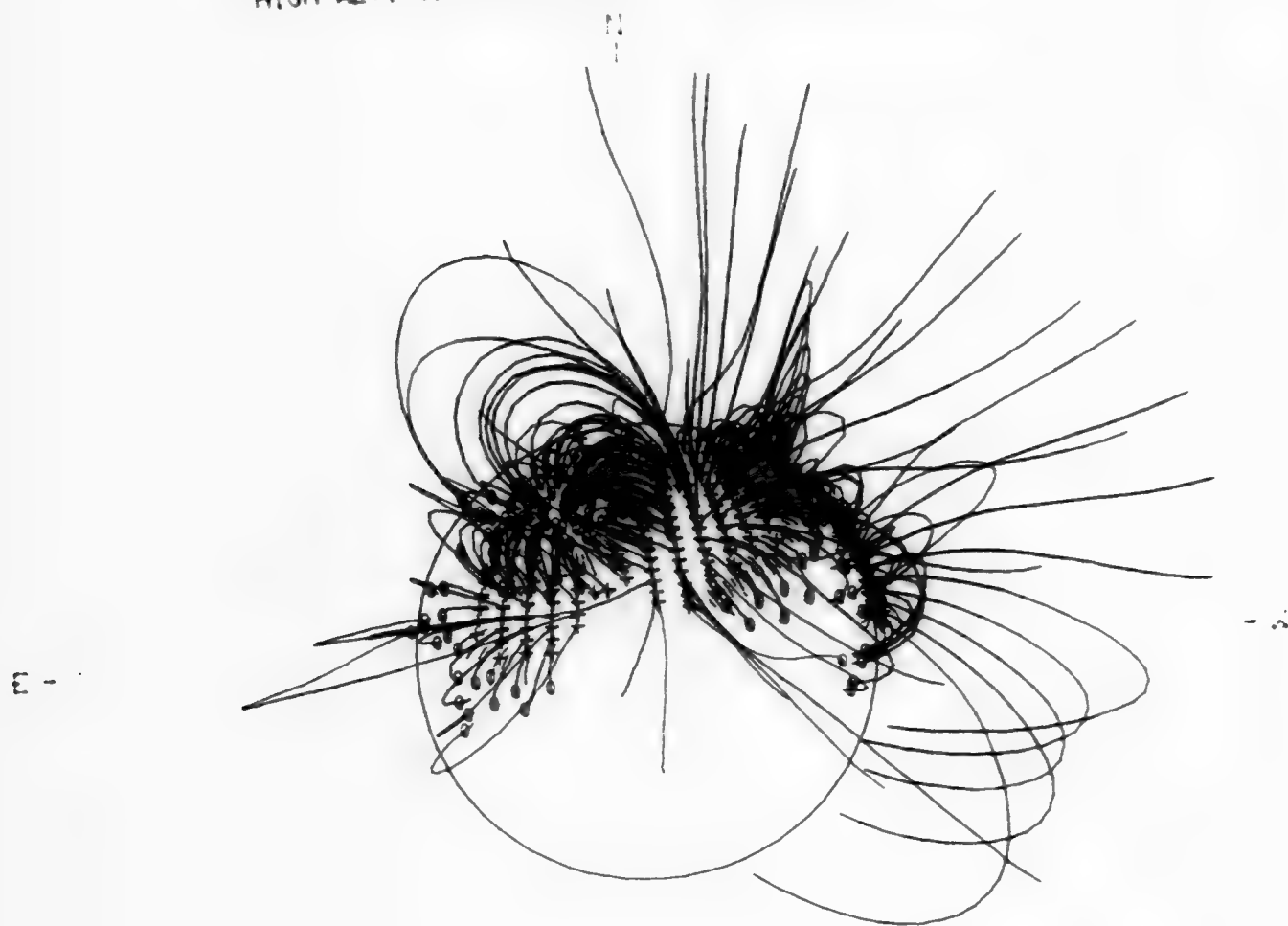
PULSES AVERAGED

DATA WINDOW 1510.00

RLT. 1510 LONG. 1510

1.8 213 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



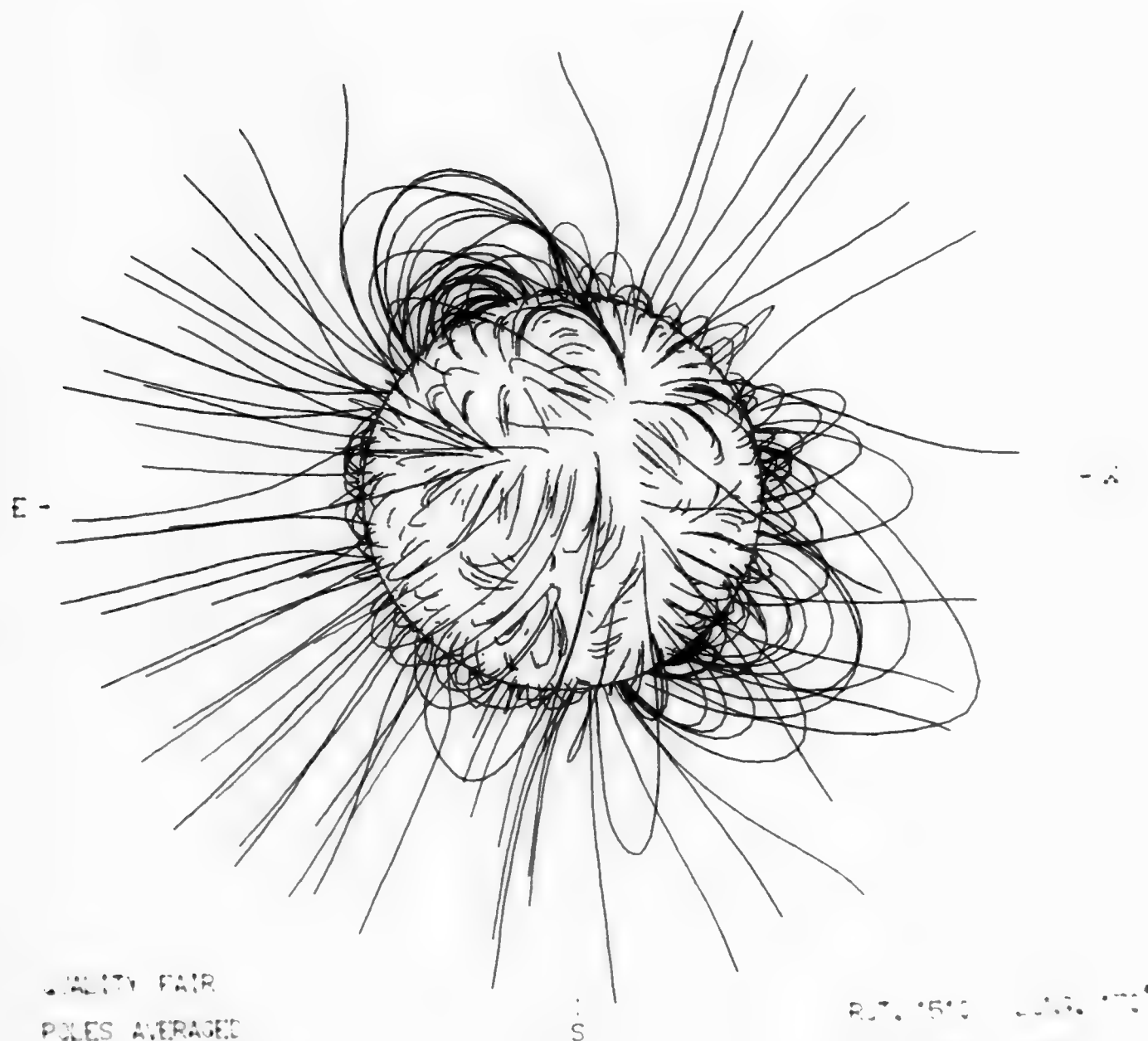
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1510.00

2.7. '51 10.1. '51
1.8 203 1955

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



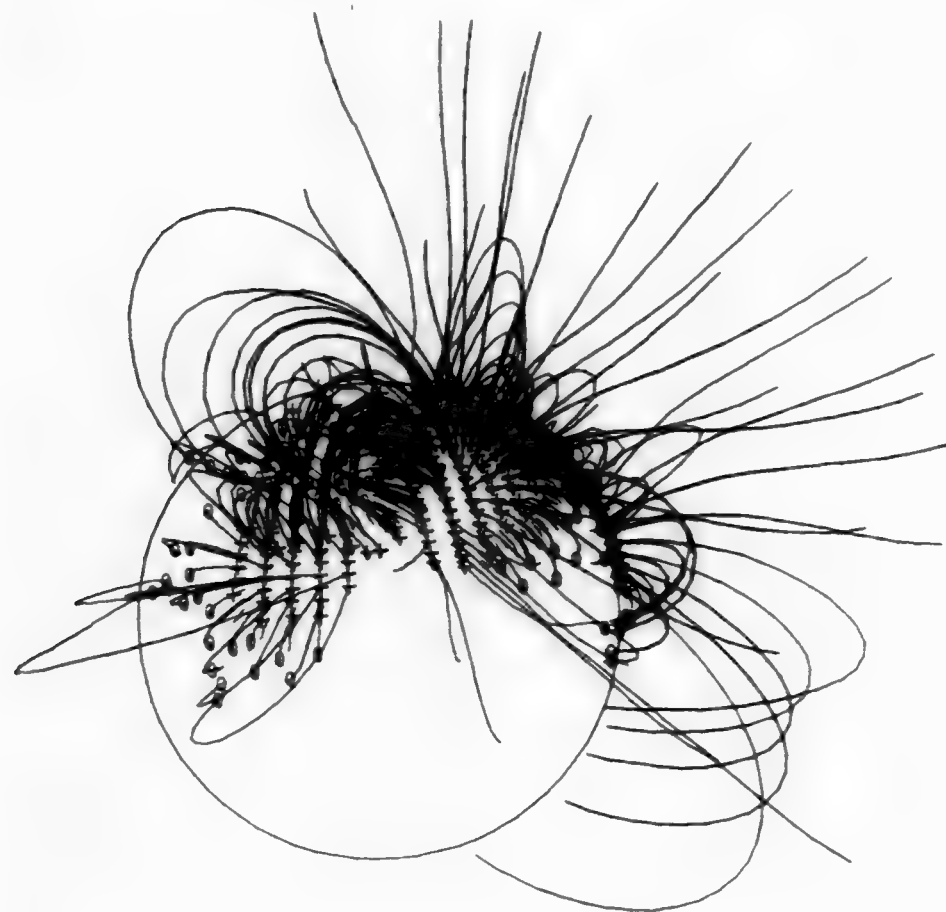
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1510.00

RJT. 1510 1000. 1000
2.5 1000 1000

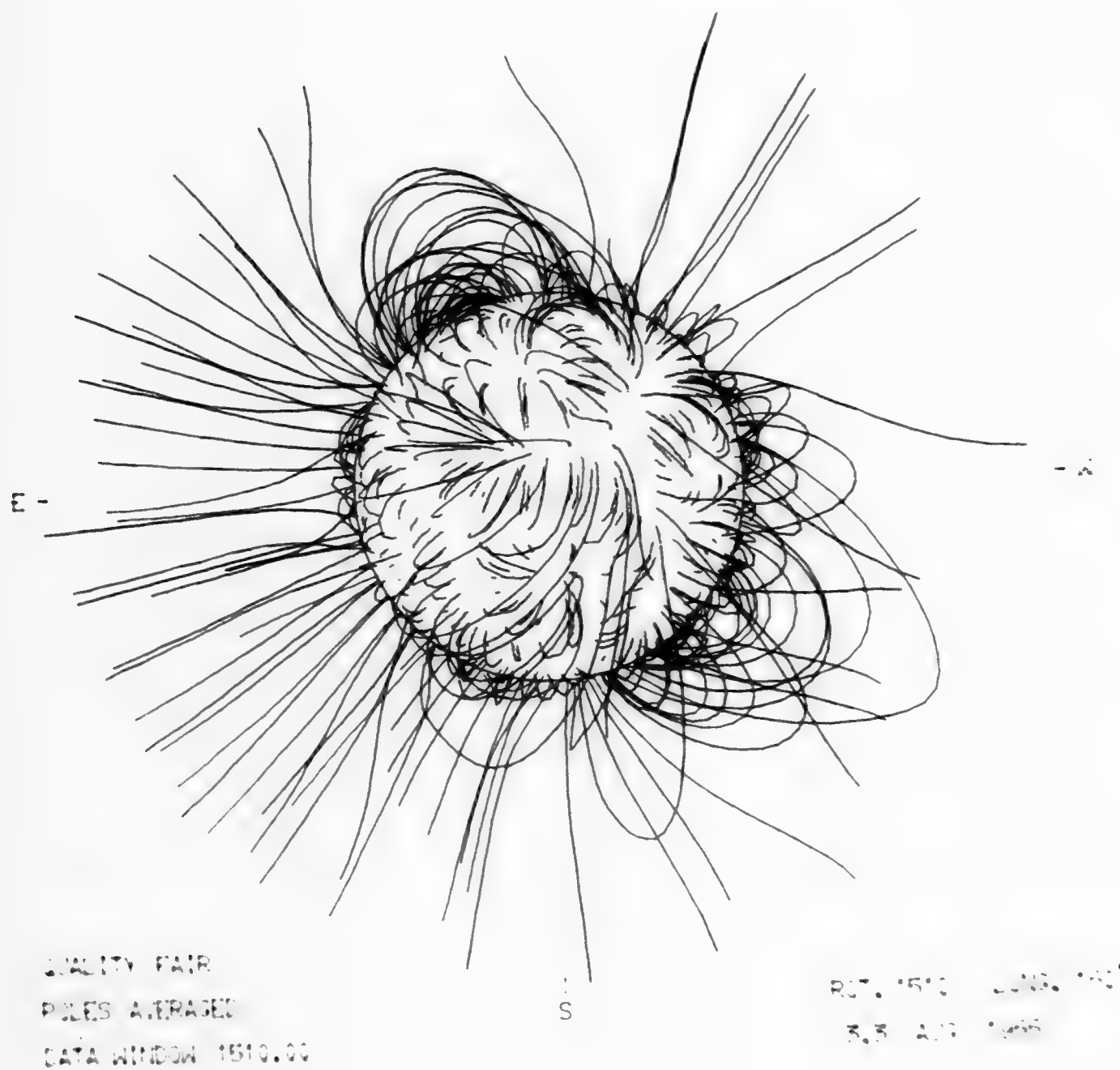
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



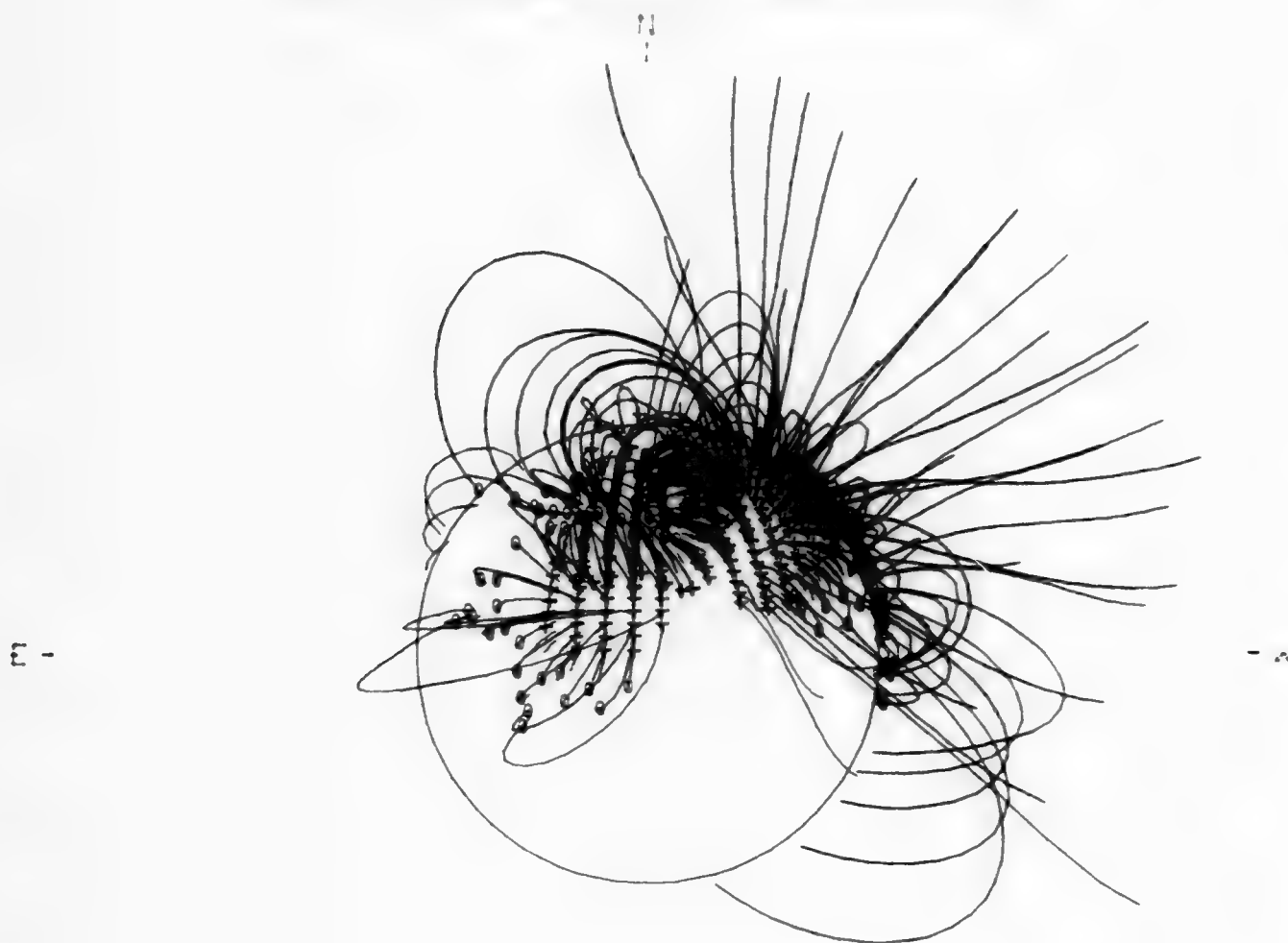
QUALITY FAIR
 RULES AVERAGED
 DATA WIND IN 1510.00

R.T. 1510 1510.00
 2.6 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

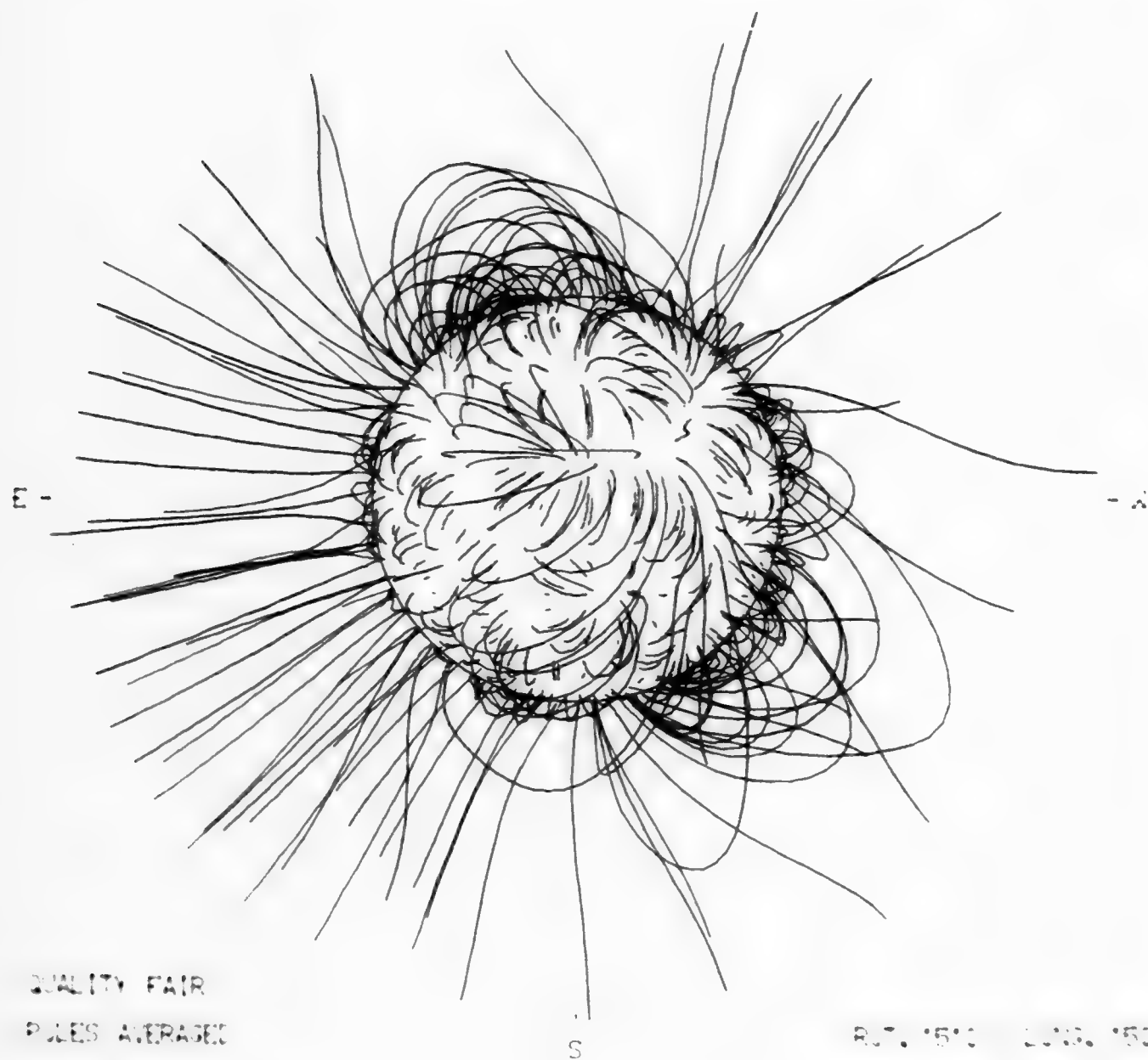
DATA AUGUST 15/10.00

S

ROT. 15° 2010. 15°

3.3 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

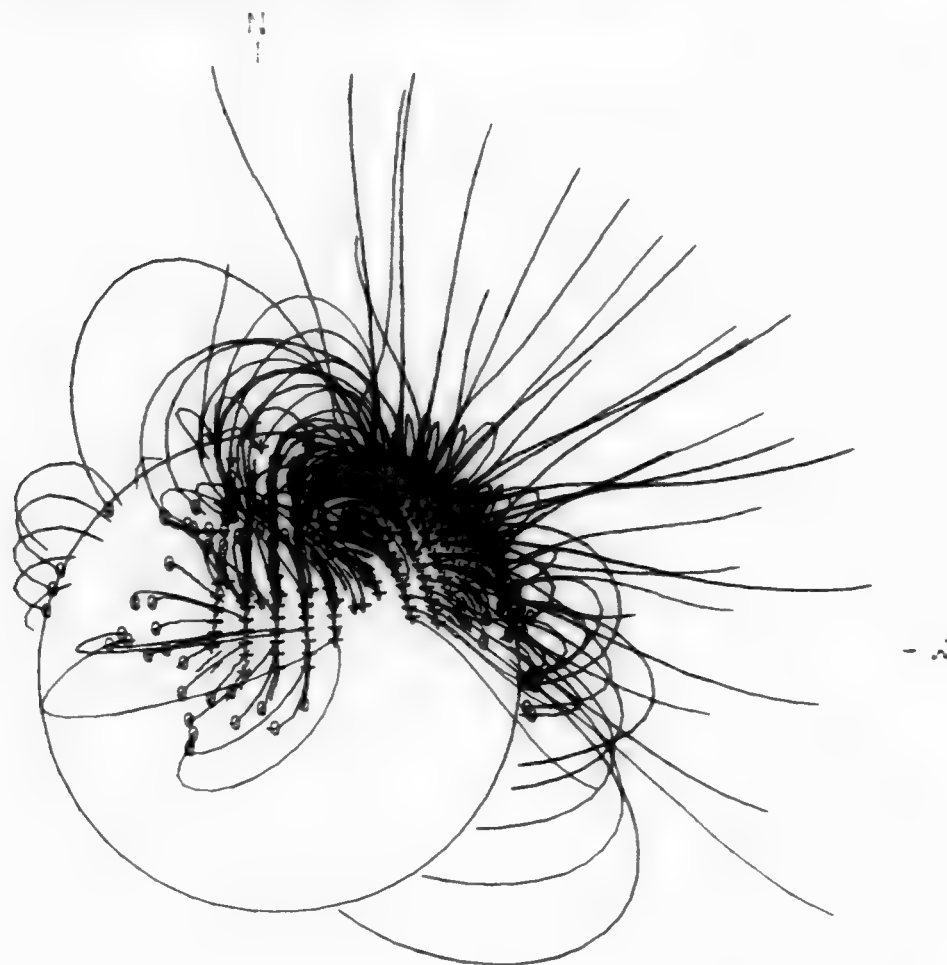
DATA WINDOW 1510.00

R.T. '51' L.T. '51'

4.1 2.0 1.0

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

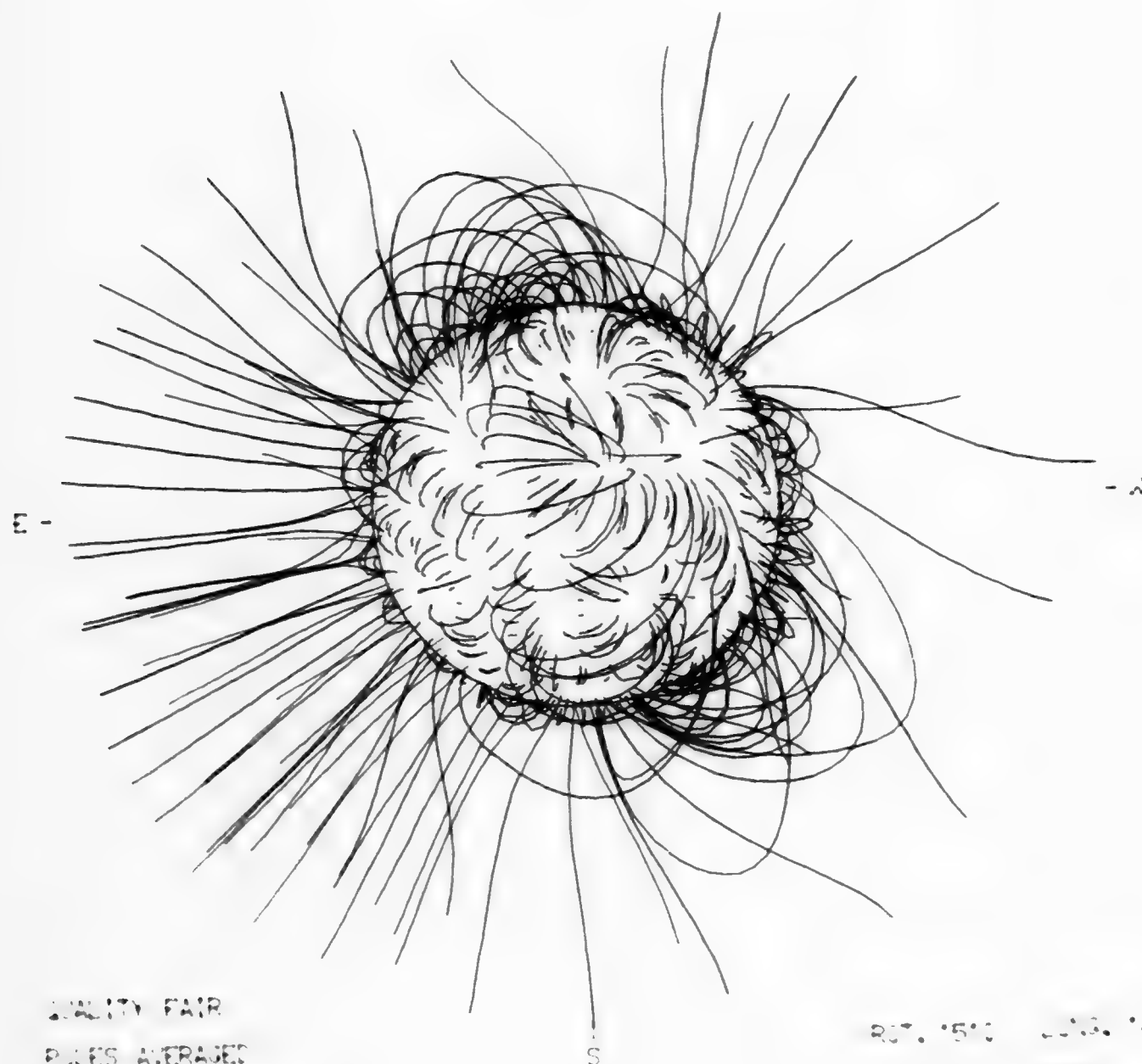


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1510.00

S

RCT. 1510 LONG. 150°
LAT. 150°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



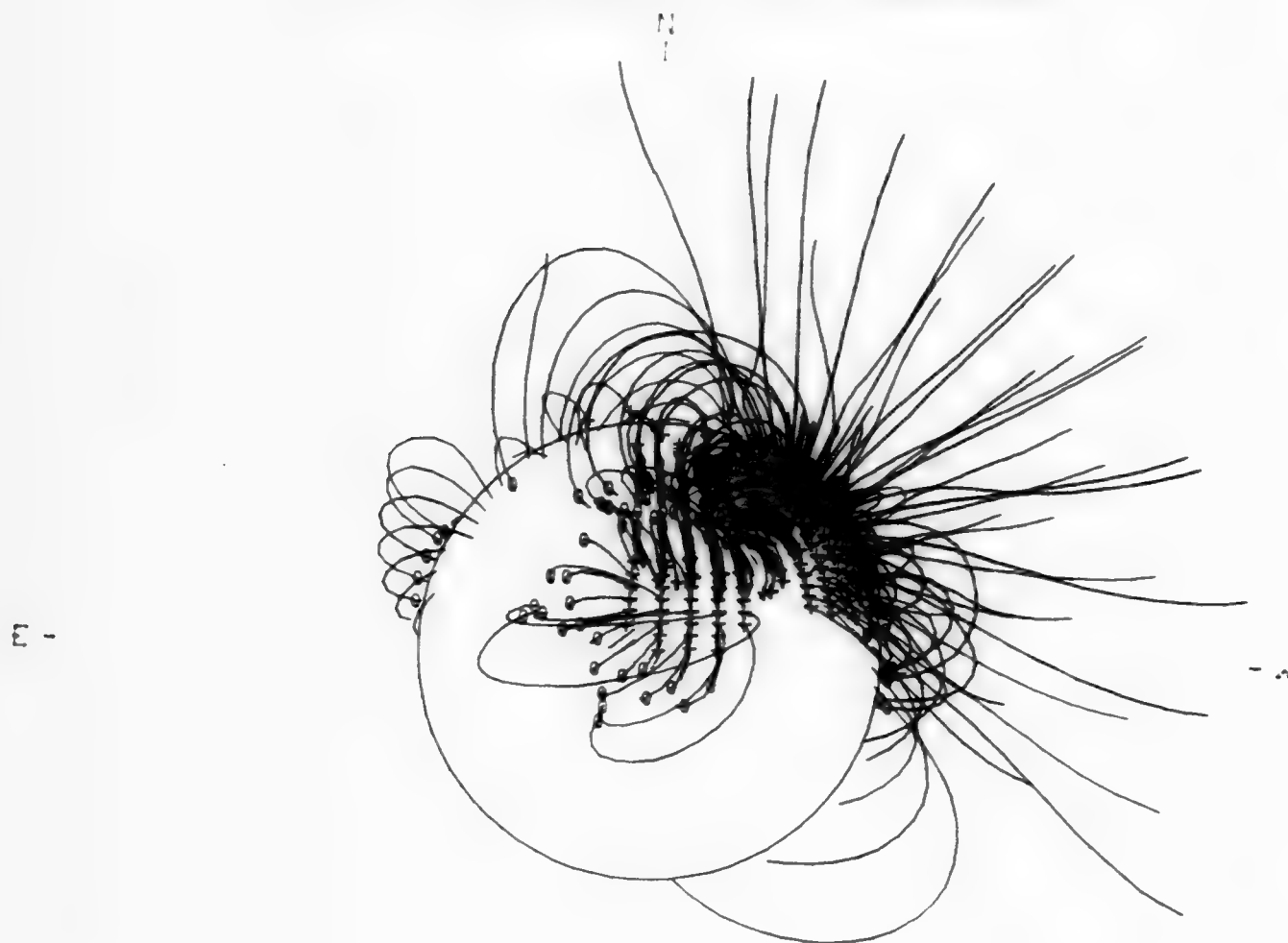
QUALITY FAIR

PULSES AVERAGED

DATA WINDOW 1510.00

ROT. 15.00 LONG. 140.00
4.9 AUG 1965

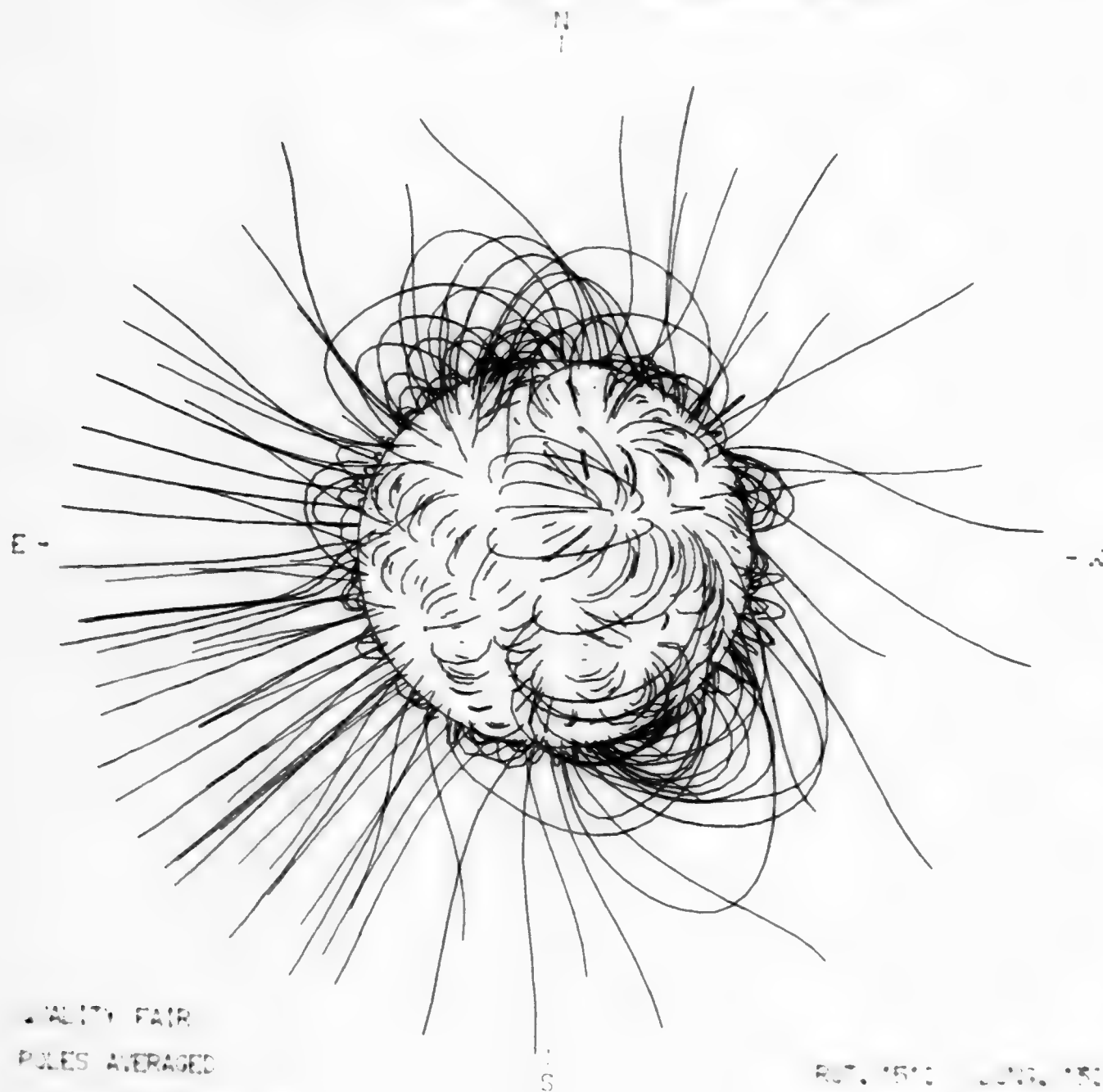
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1510.00

ROT. 1510 LONG. 140°
 4.9 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

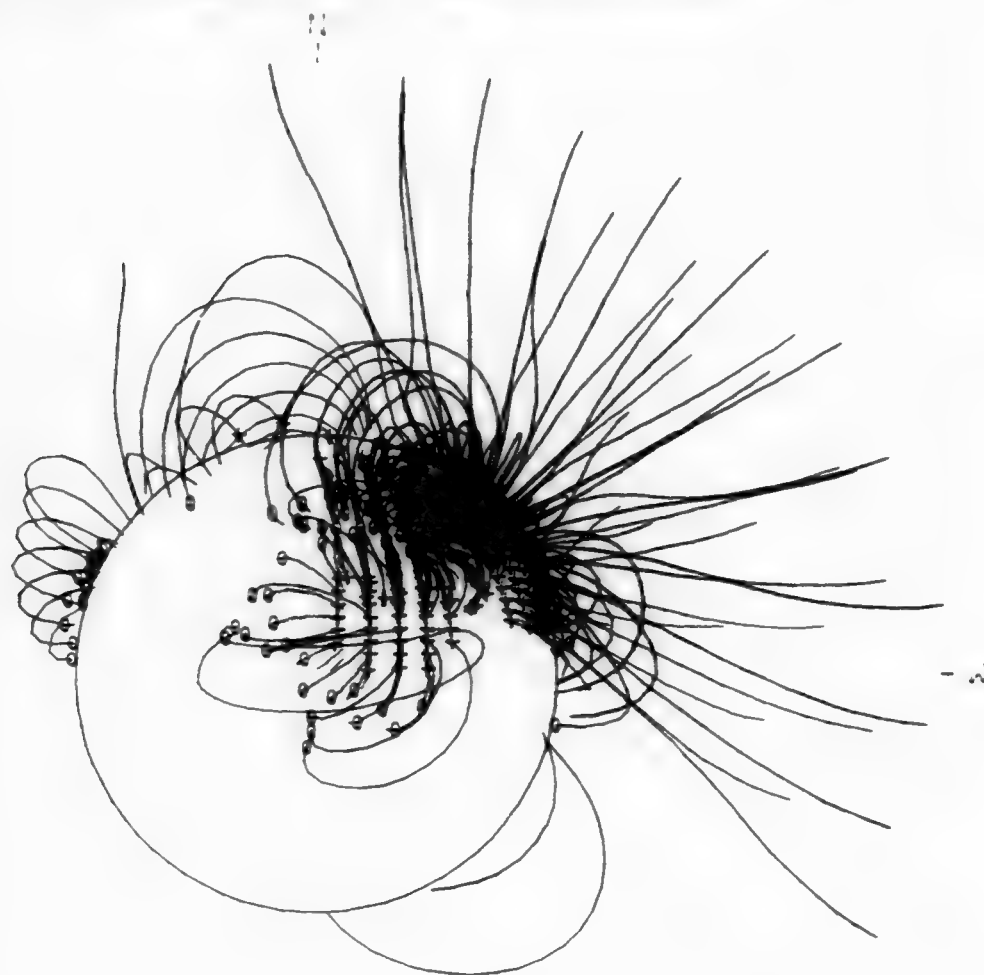
POLES AVERAGED

DATA WINDOW 1510.00

REF. 1510 LONG. 1510

5.5 4.5 1.000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

- S

QUALITY FAIR

POLES AVERAGE

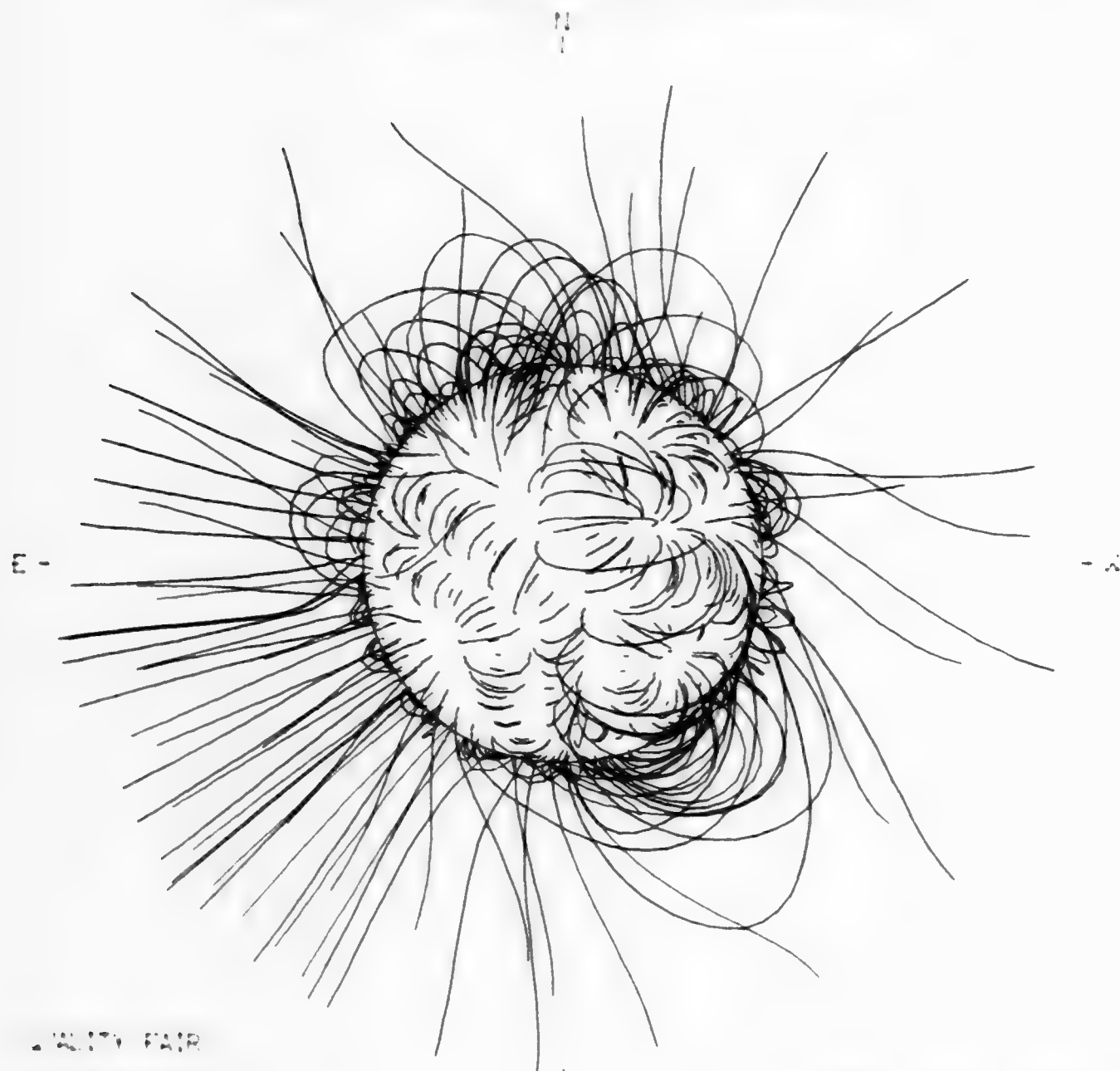
DATA WINDOW 1510.00

1
S

RUT. '510' LUG. '510'

5.6 AUG '906

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
FILES AVERAGE
DATA WINDOW 150.00

RUT. 150.00 100.00
0.2 1.0 1.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

QUALITY FAIR

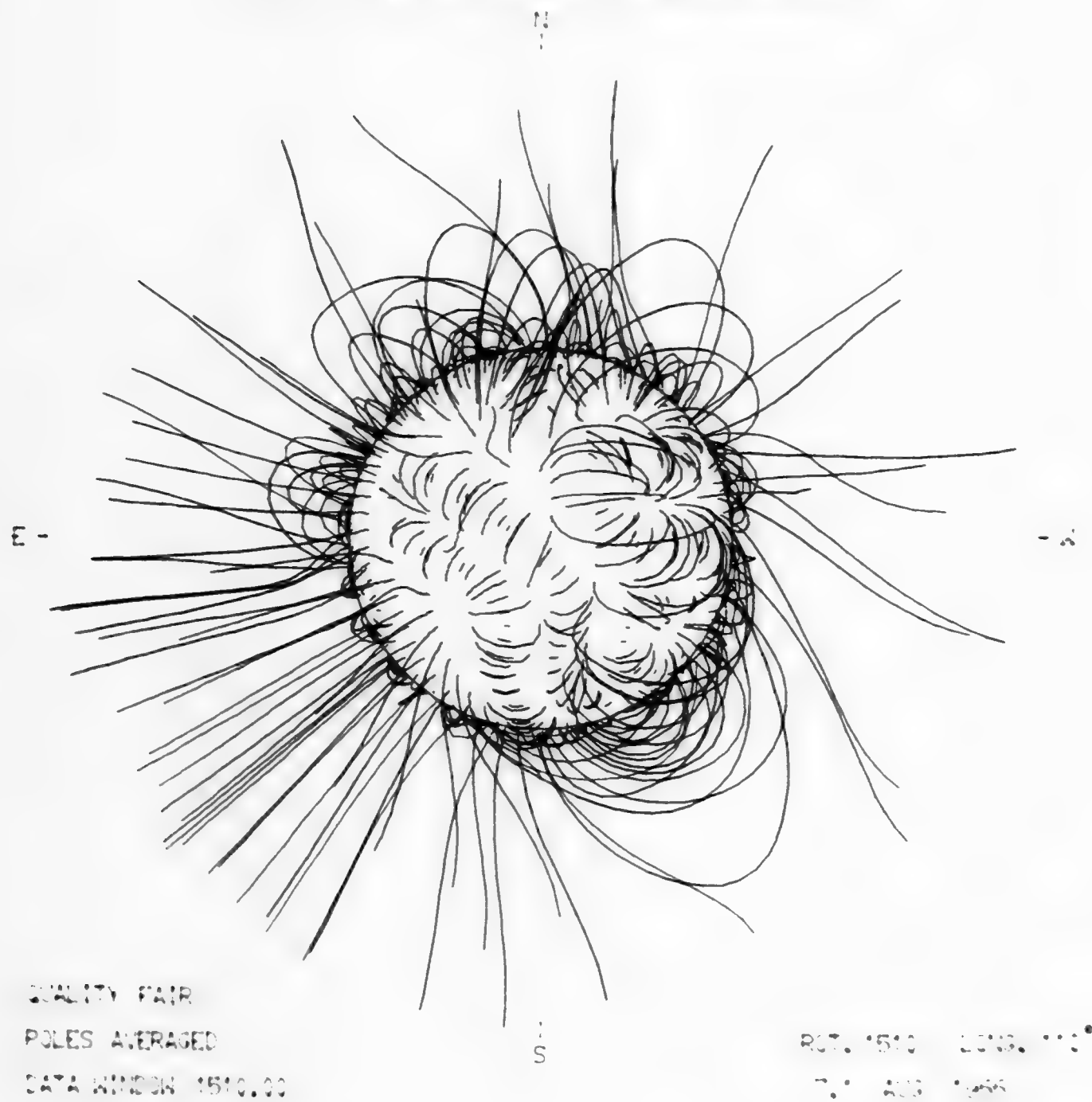
POLES AVERAGED

DATA WINDOW 1510.00

PLT. 1510 1000. 121°

6.4 400 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

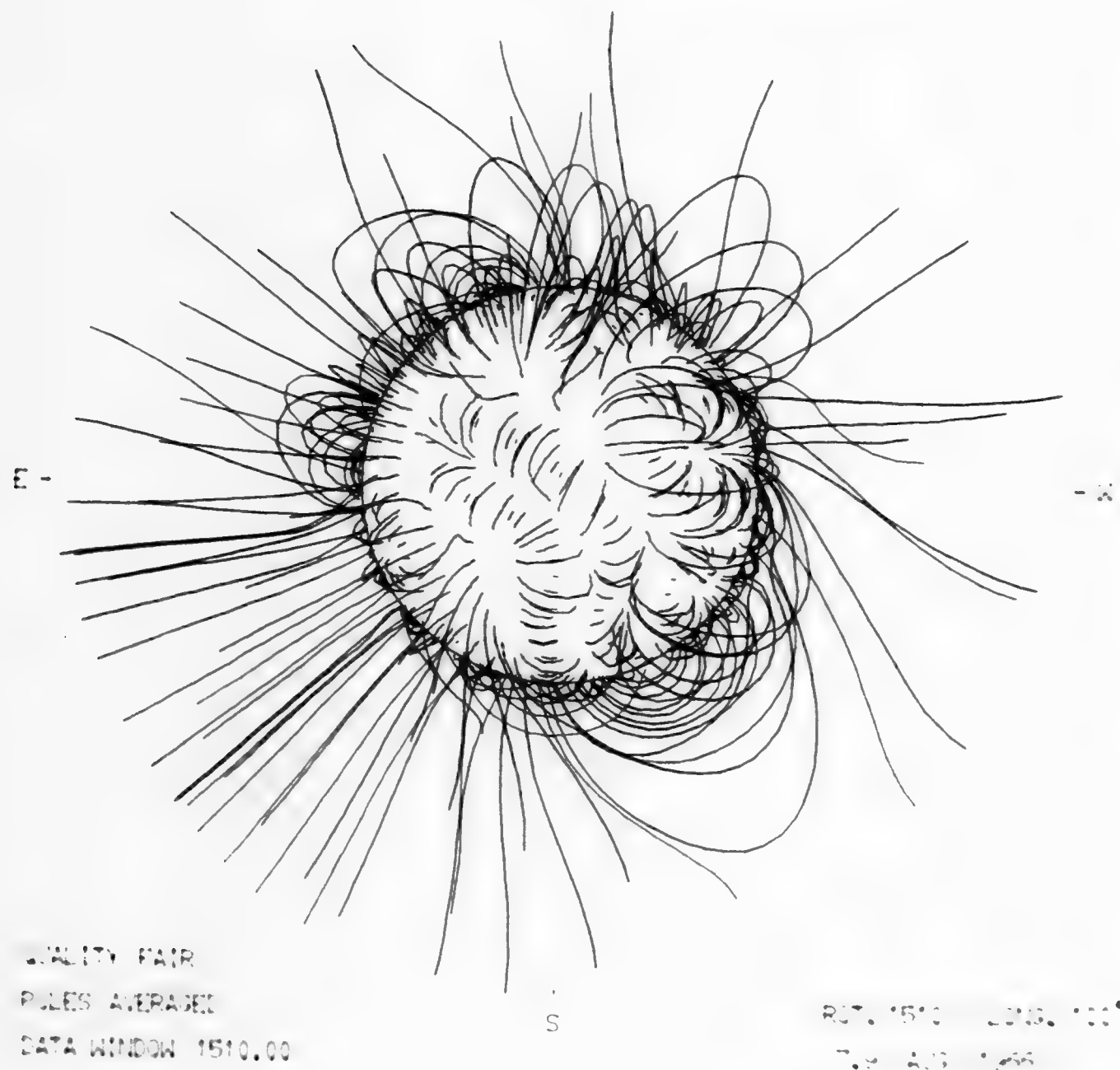
POLES AVERAGED

DATA WINDOW 1510.00

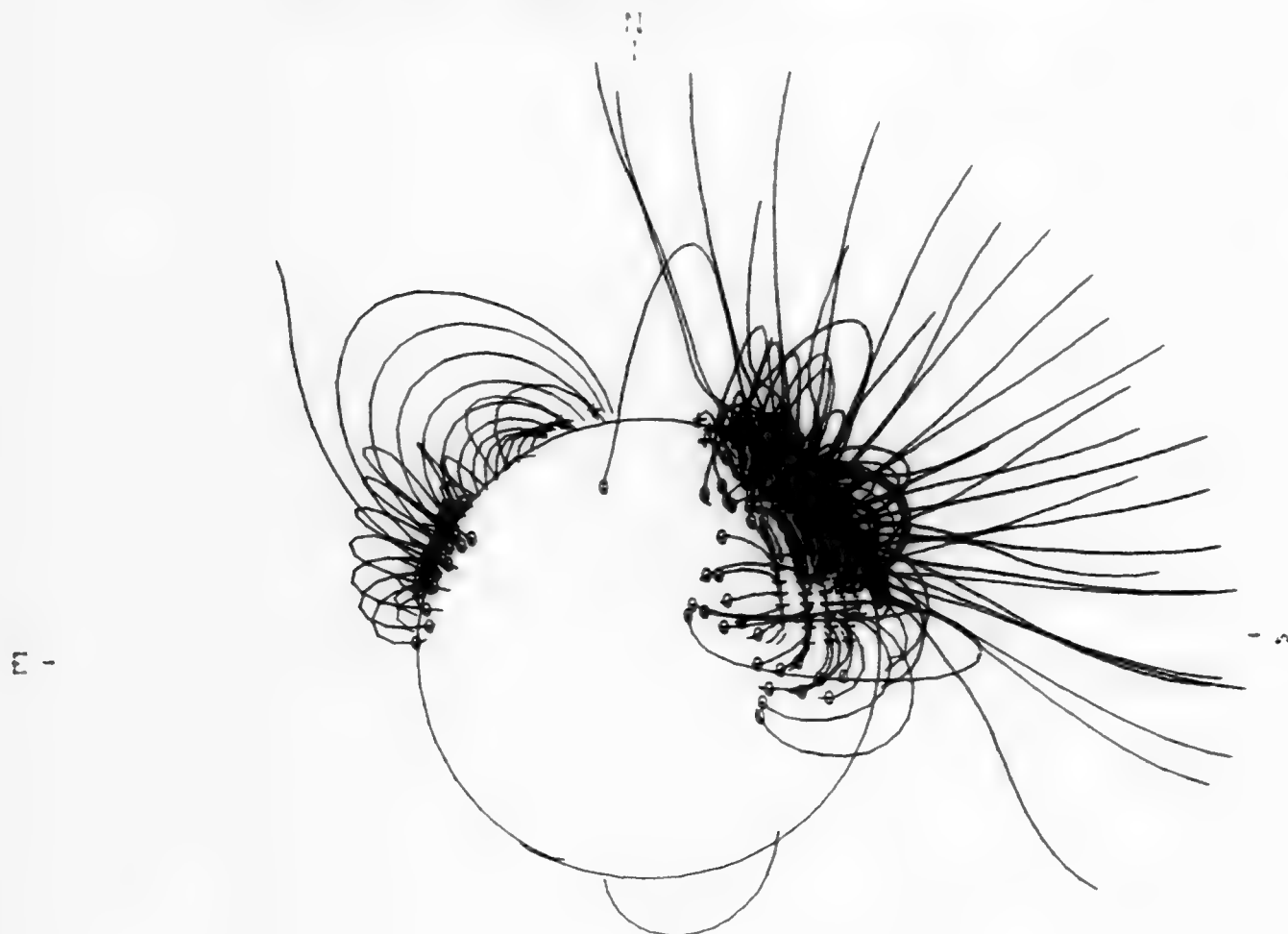
1
S

R.T. 1510 1510.00
T. 1510 1510.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

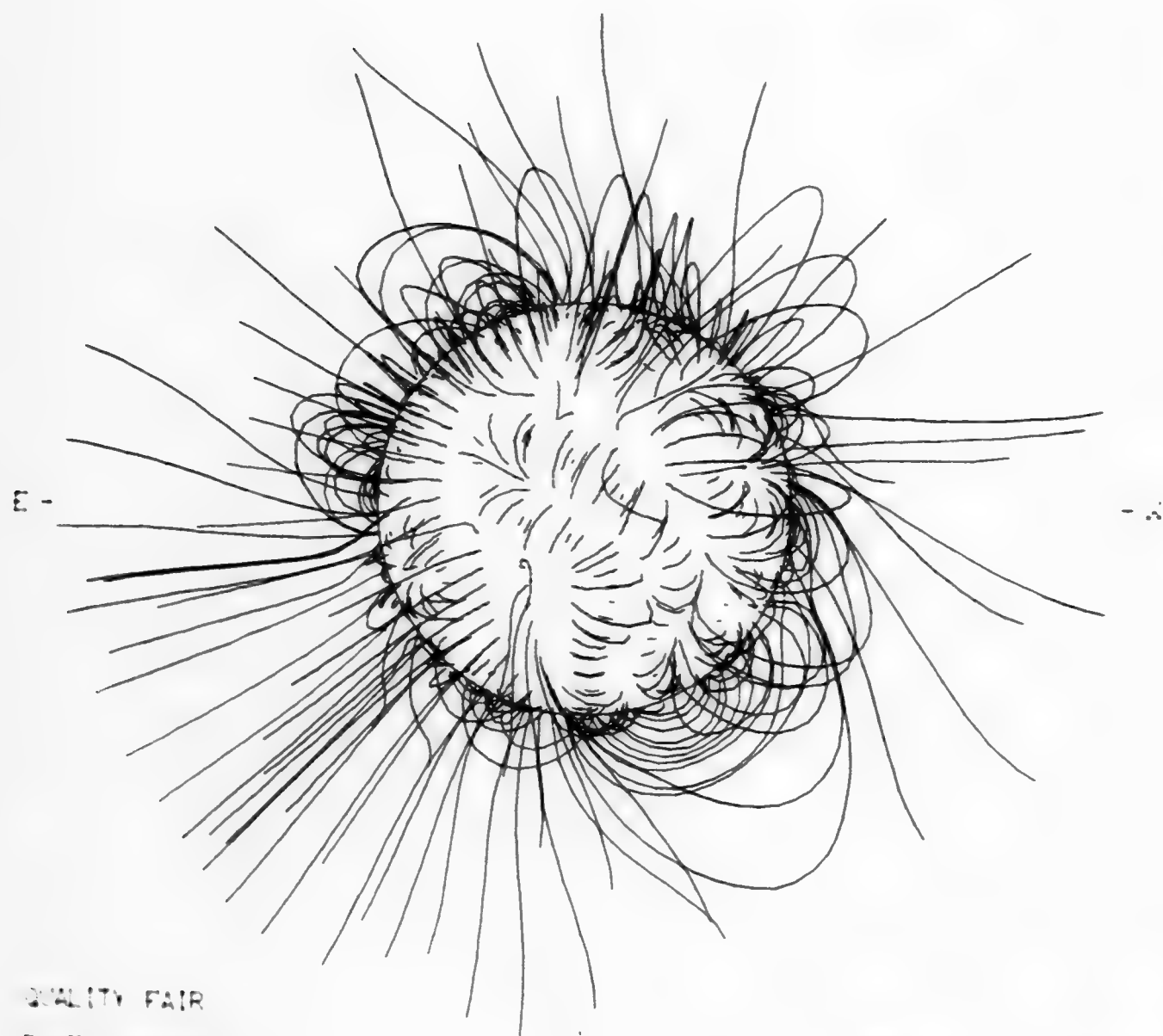
POLES AVERAGED

DATA WINDOW 1510.00

S

207.1510 207.1510
207.1510 207.1510

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

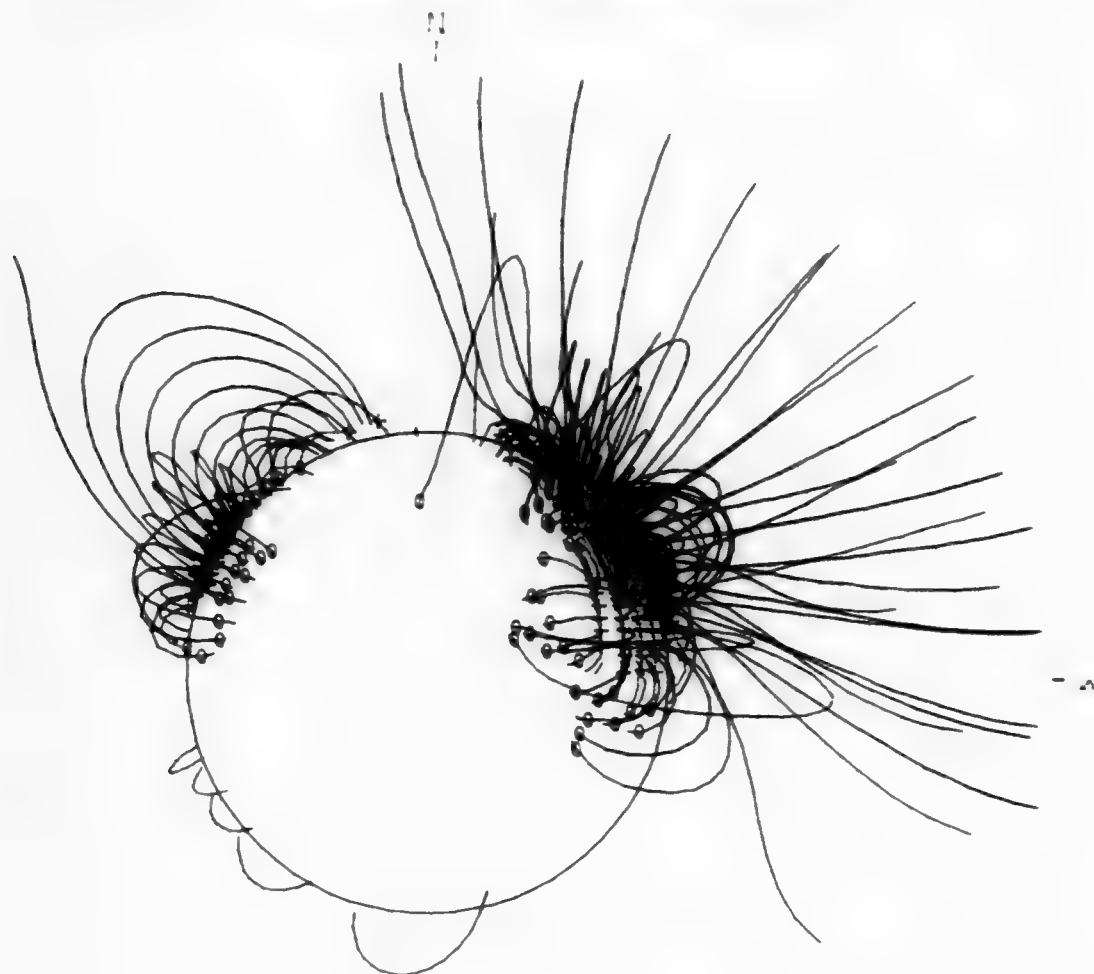
DATA WINDOW 1510.00

RUT. 1510 1110. 1510

8.7 1110 1110

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

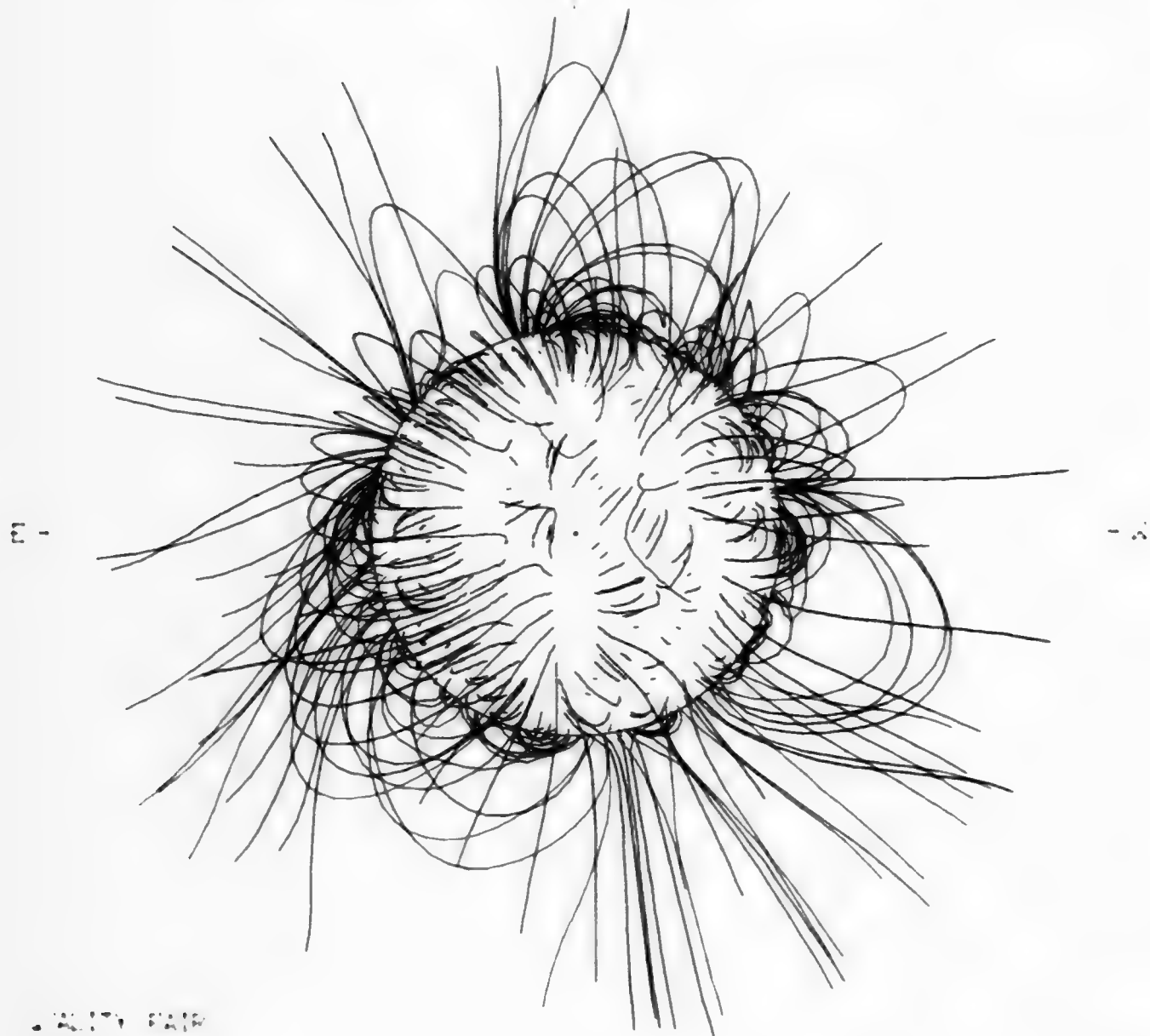
POLES AVERAGED

DATA WINDOW 1510.00

S

2.7 1510 2.10 1510
8.7 1510 1510

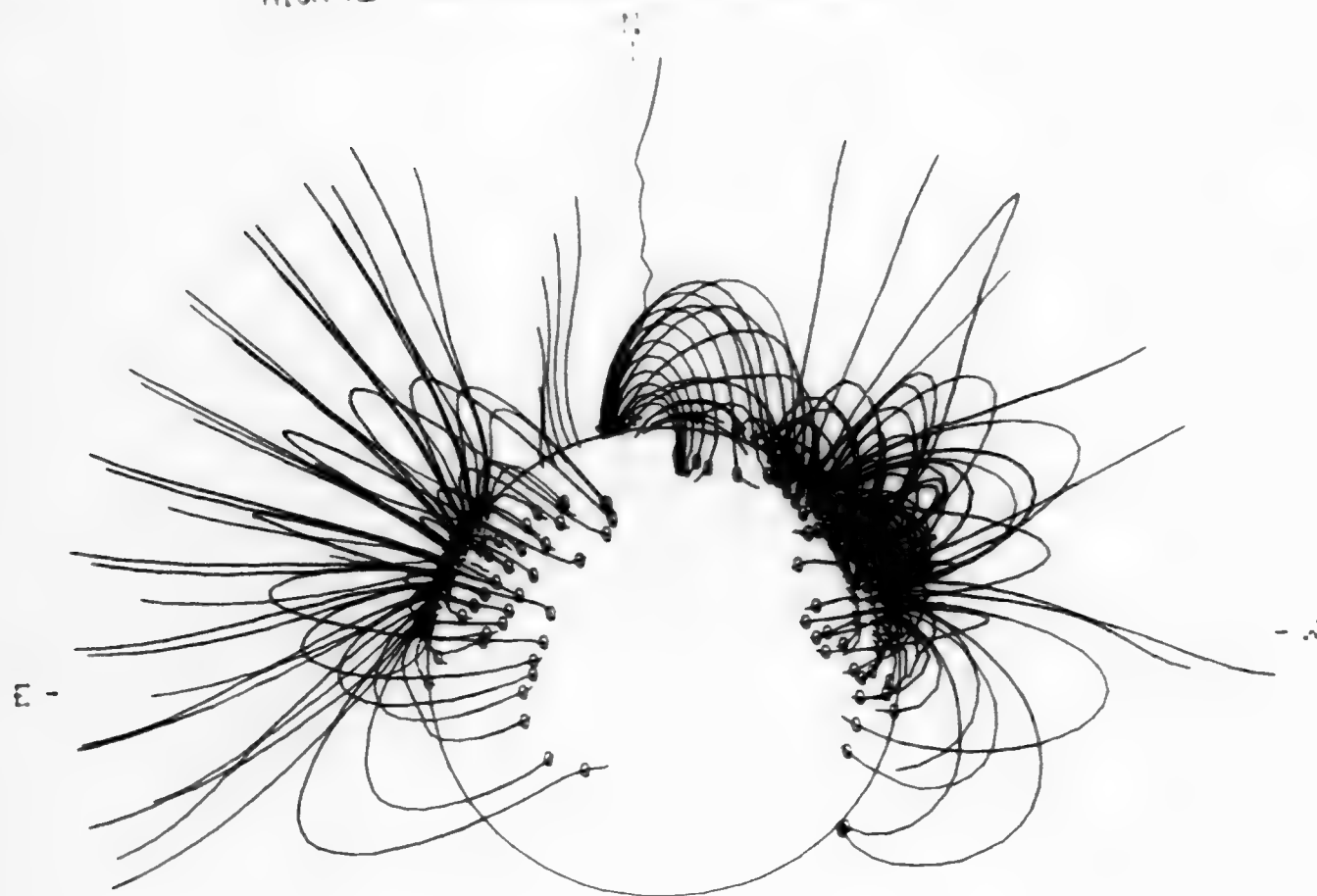
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY PAIR
FILES AVERAGE
DATA WITHIN 1510.0"

RUT. 1510 1.103. 50°
2.4 2.3 1.000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

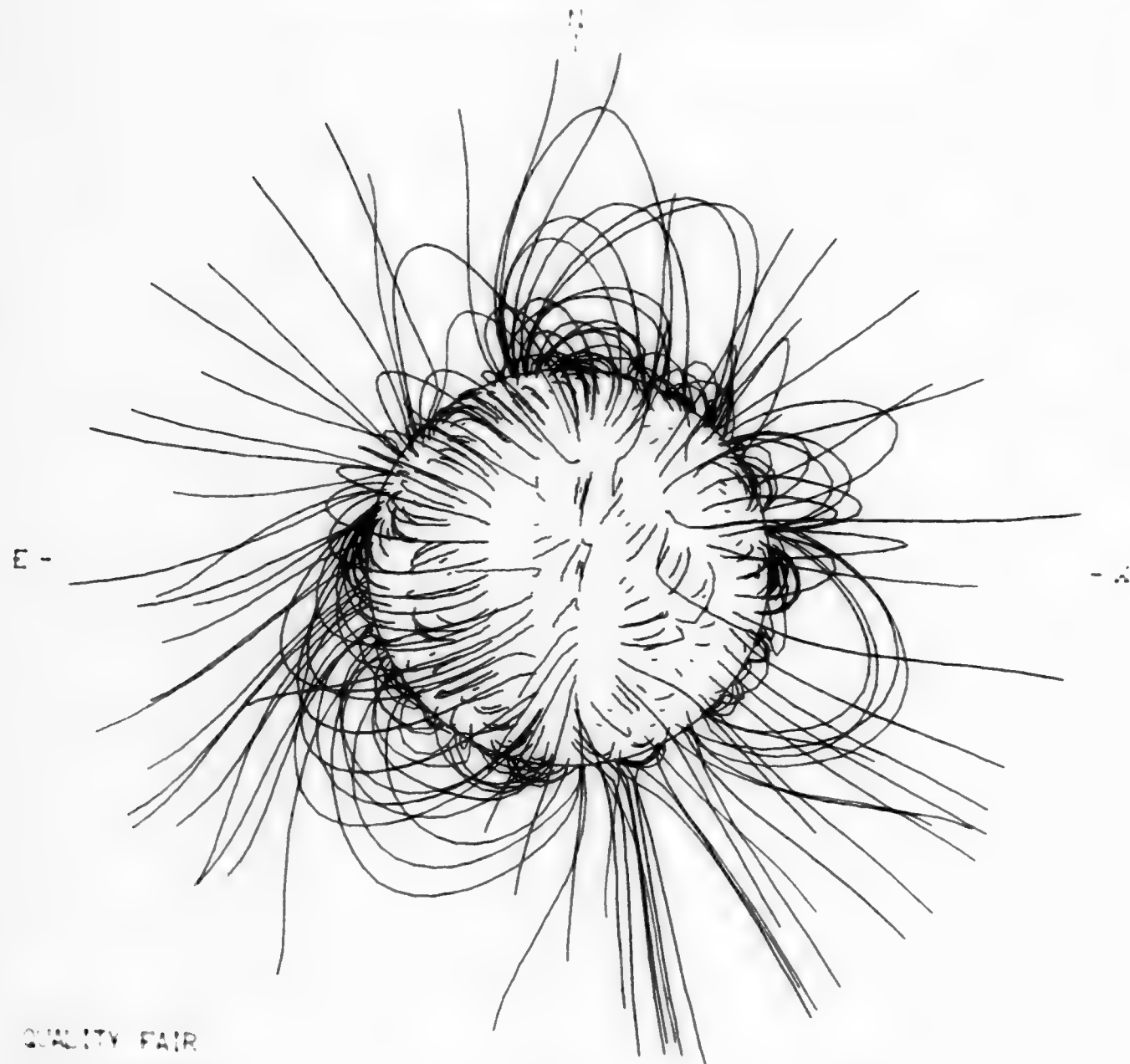


QUALITY FAIR
 POLES AVERAGED
 DATA RUN IN 1510.47

S

ROT. 1510 1000. 1510
 1510 1510 1510

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

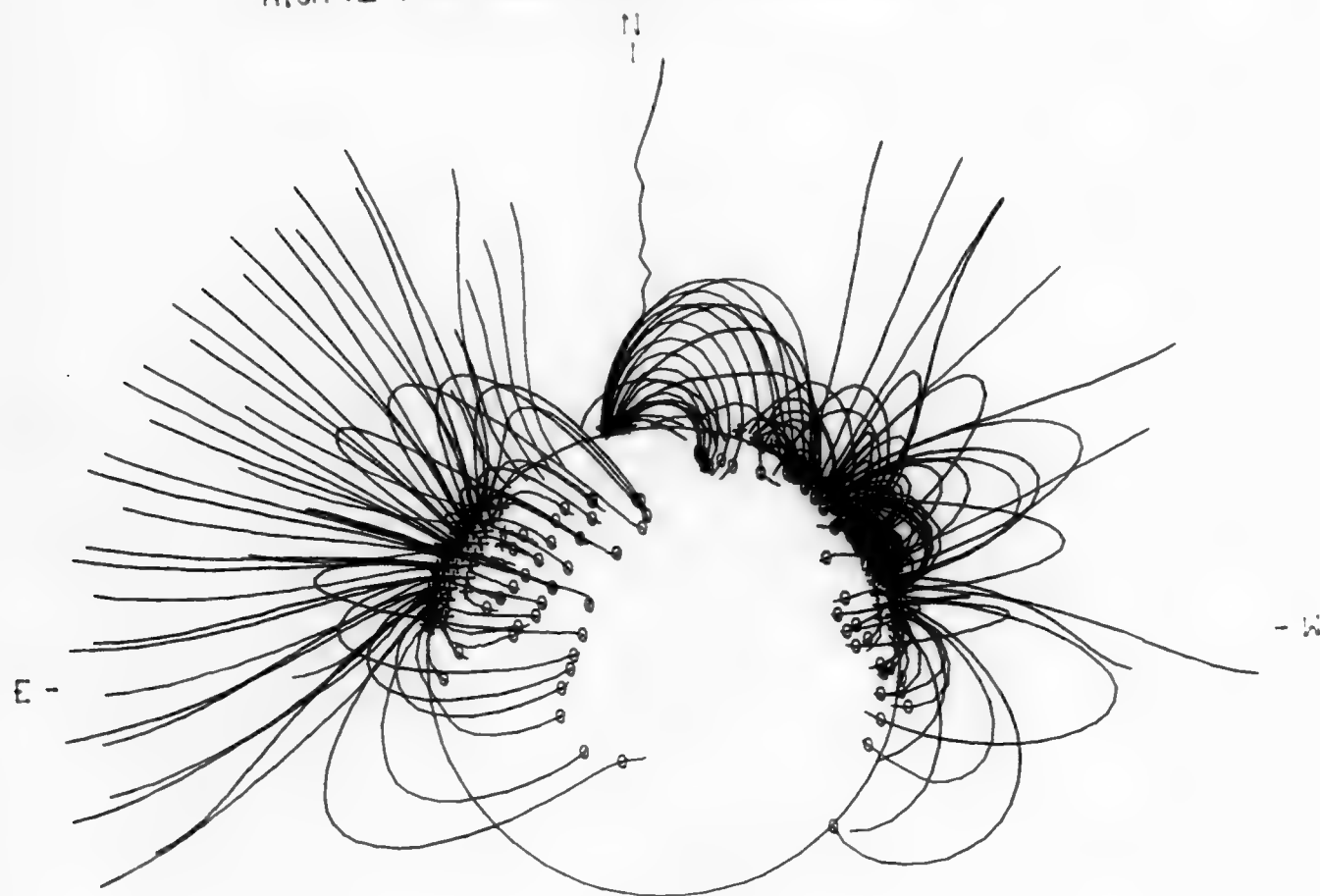


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1510.47

S

ROT. 1510 LONG. 71°
10.1 AUG 1955

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

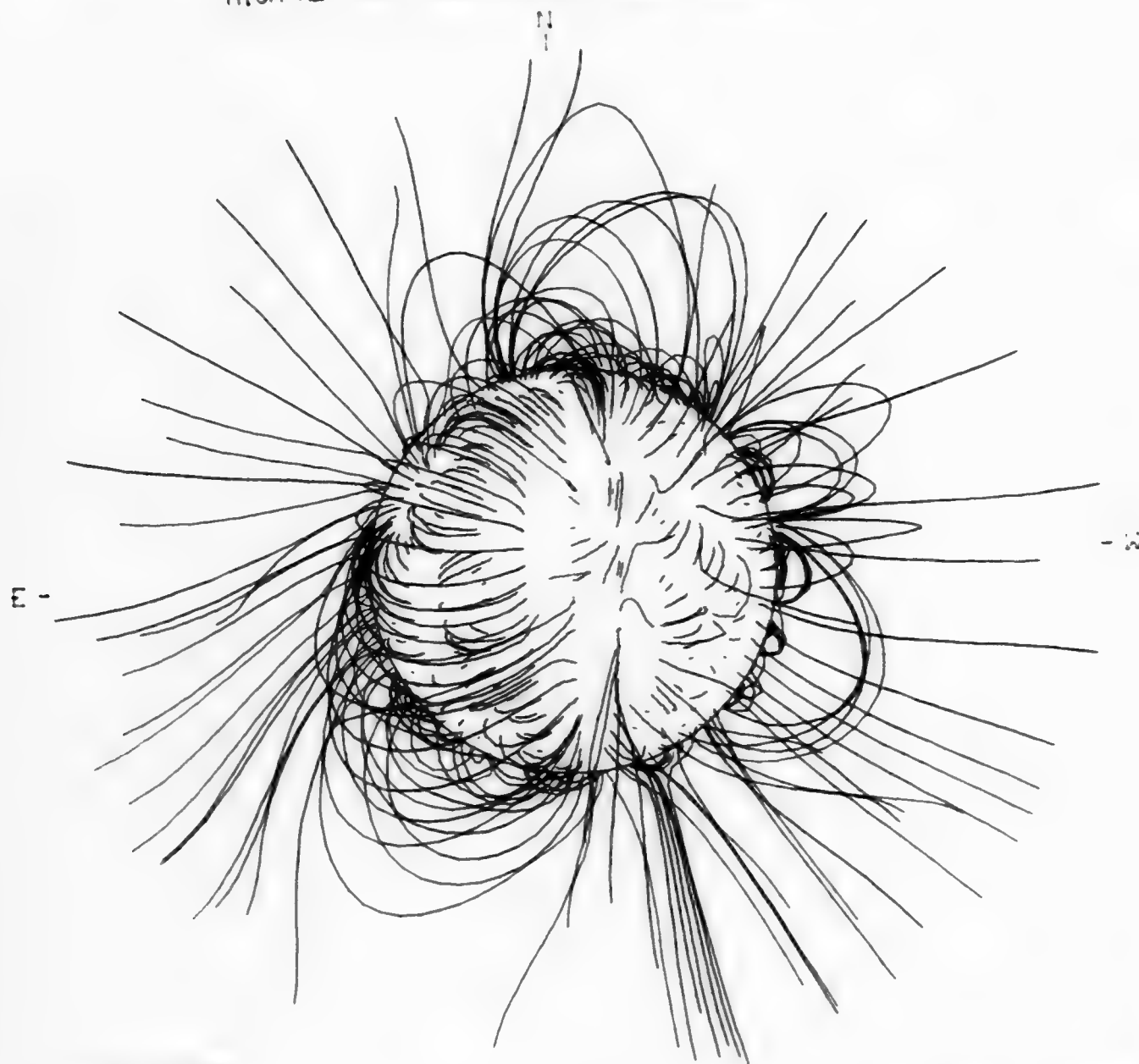
POLES AVERAGED

DATA WINDOW 1510.47

S

ROT. 1510 LONG. 71°
10.1 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

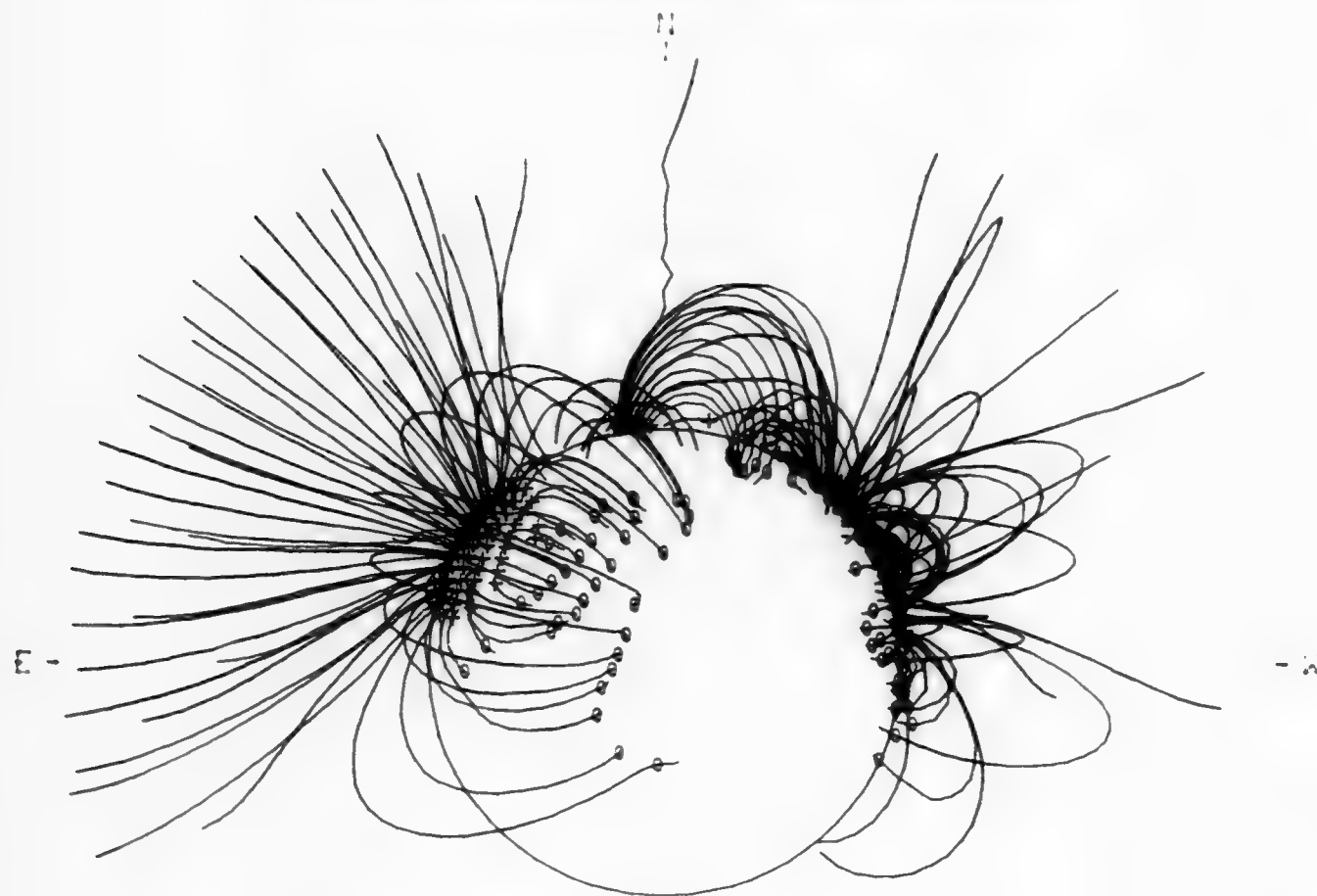


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1510.47

S

ROT. 15° LONG. 40°
10.5 AUG 1985

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

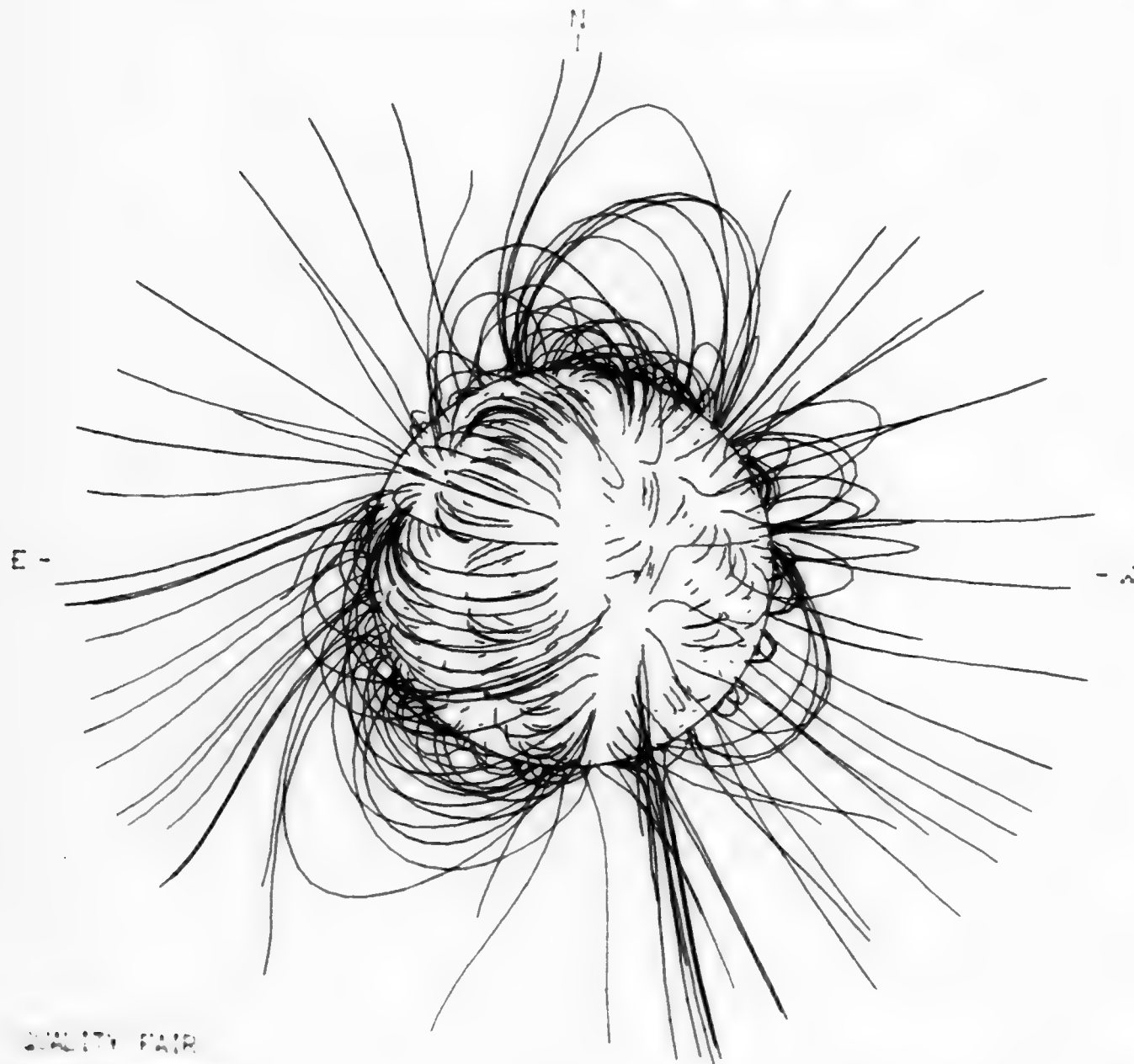
DATA WINDOW 1510.47

1
S

RJT. 1510 1010. 51°

10.9 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

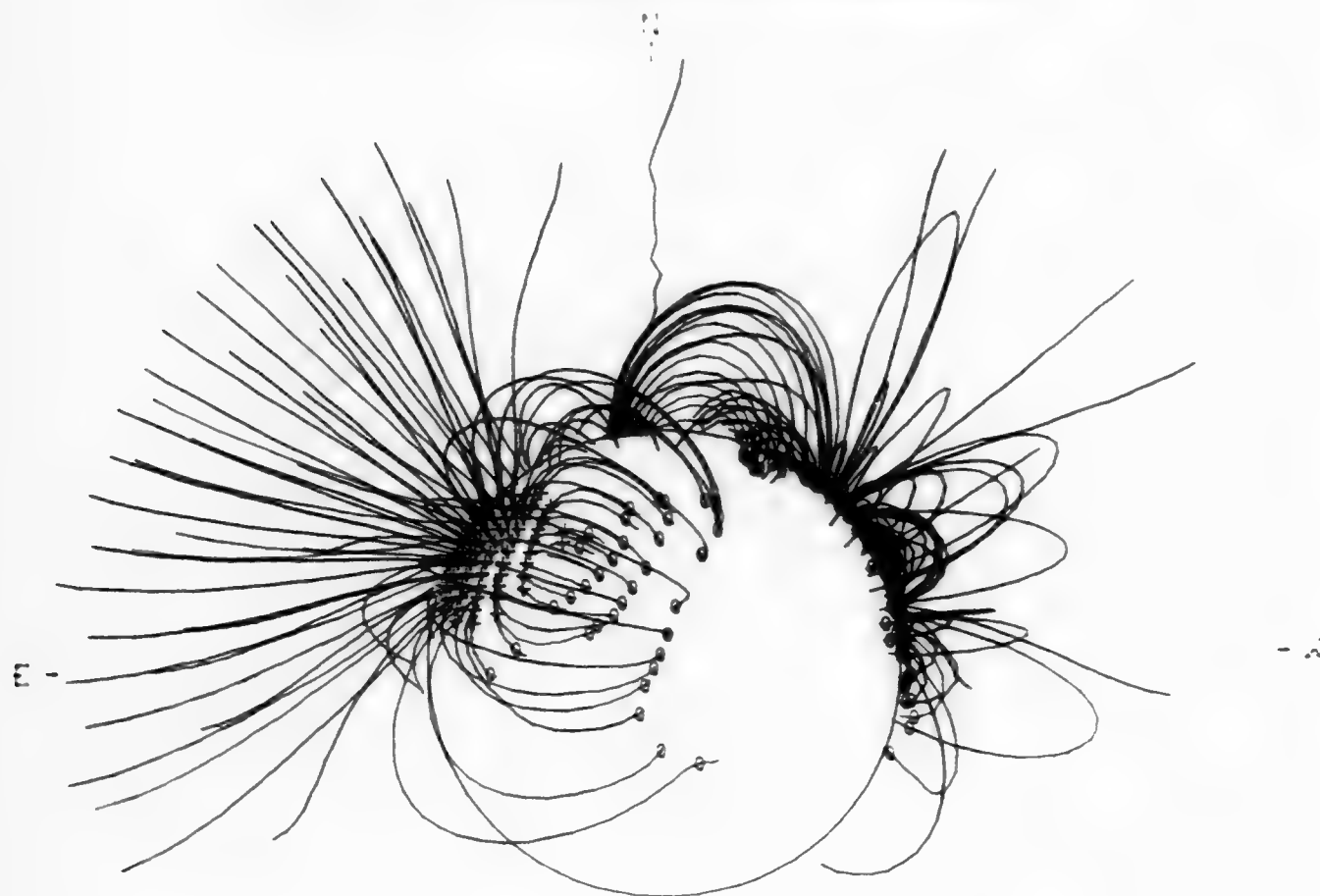
DATA WINDOW 1510.47

S

ROT. 15.10 LONG. 50°

11.7 11.3 11.4

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

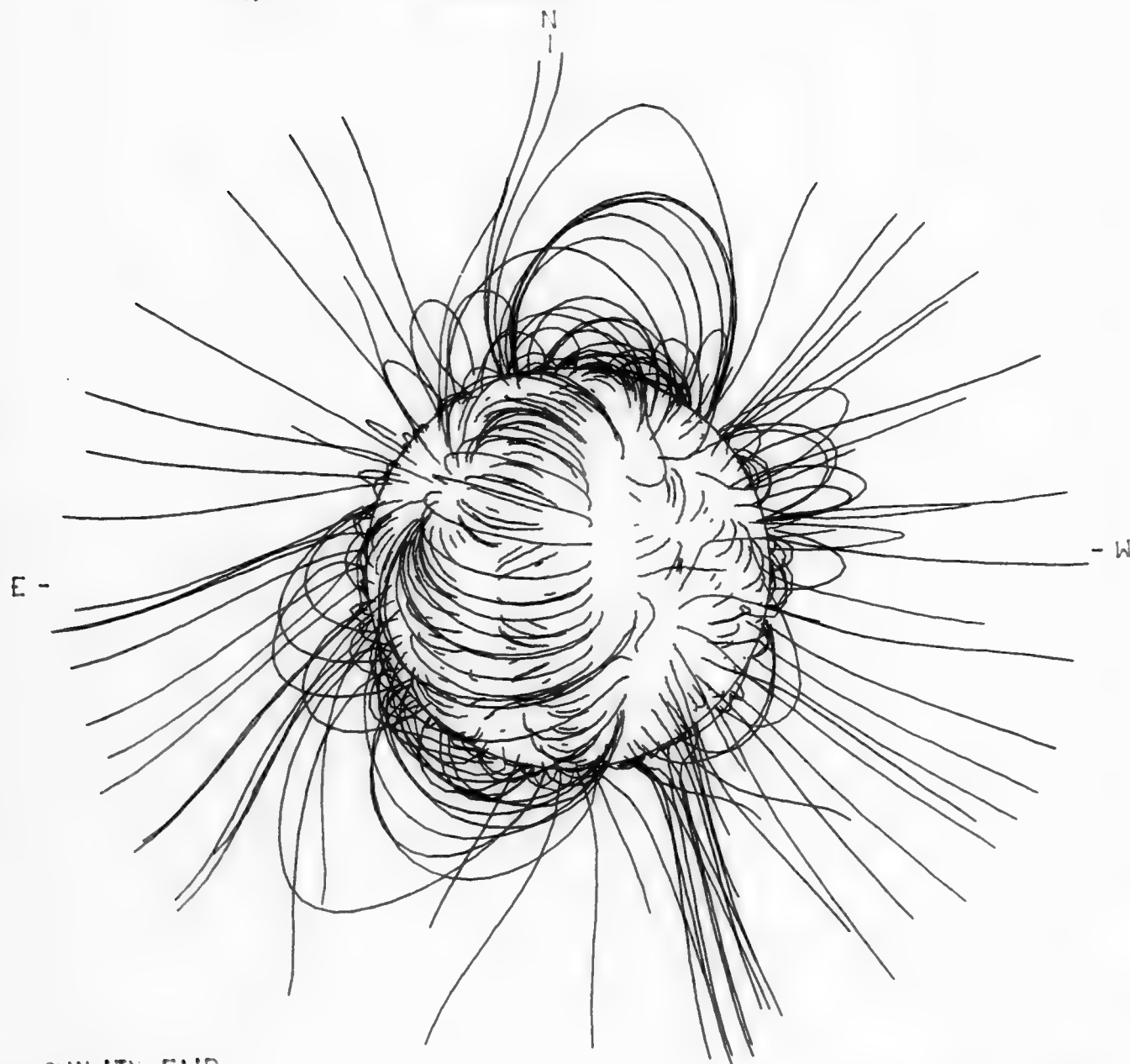
DATA WINDOW 1510.47

1
S

R.T. 1510 L.O.S. 51°

11.7 2.5 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

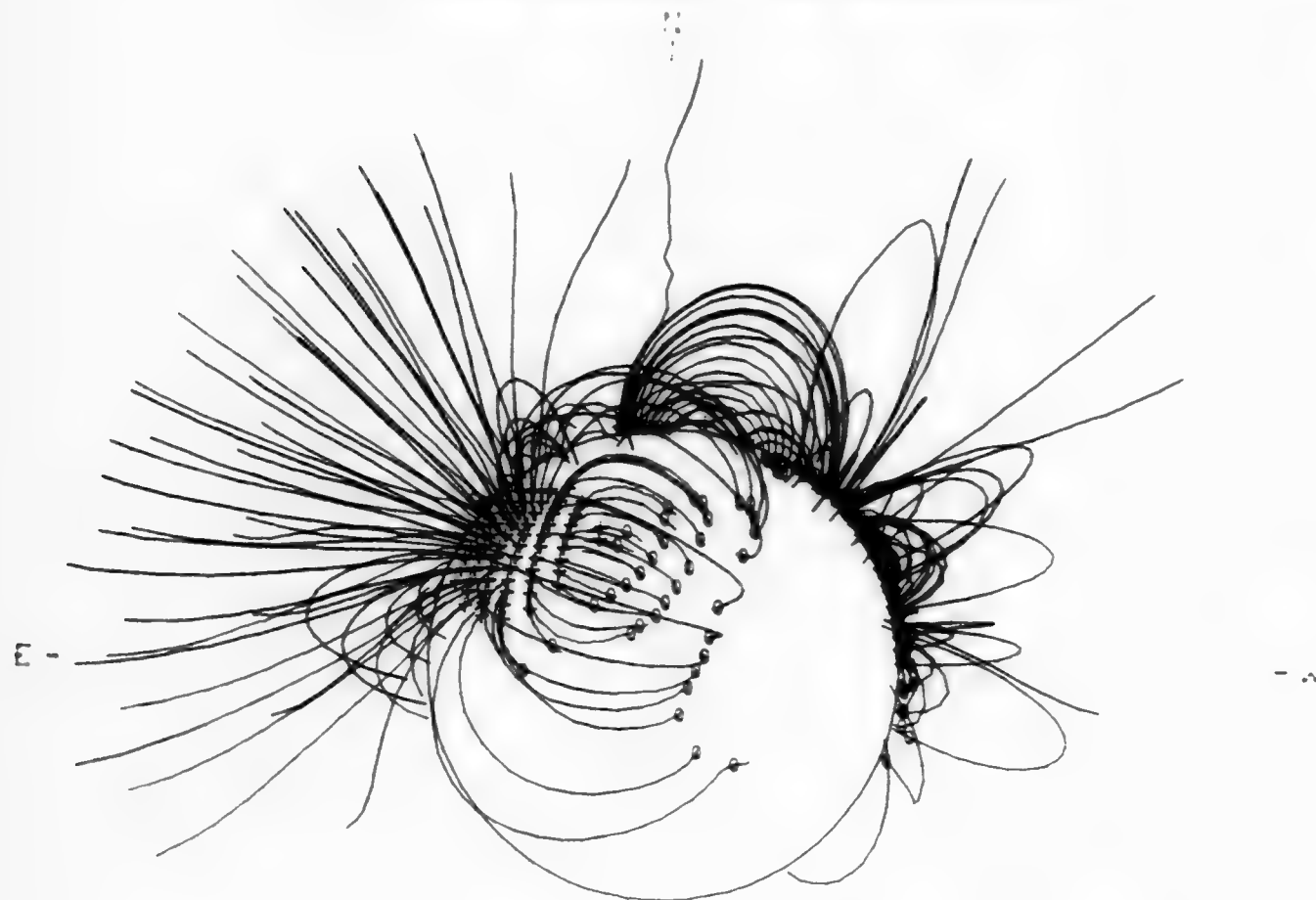
POLES AVERAGED

DATA WINDOW 1510.47

I
S

ROT. 1510 LONG. 42°
12.4 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



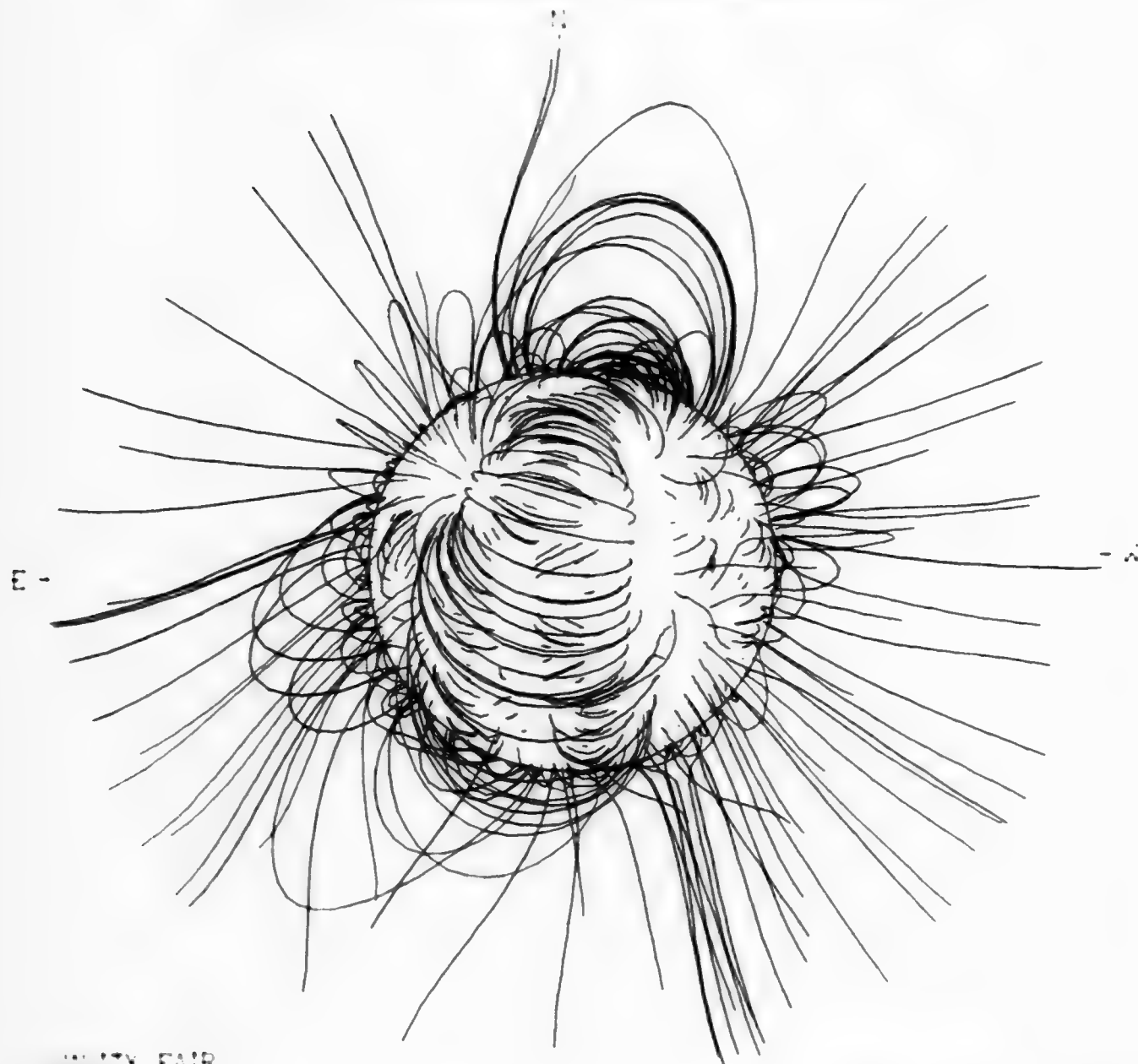
QUALITY FAIR

FILES AVERAGED

DATA WINDOW 1510.47

RCT. 15.1 100. 40°
12.4 100 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

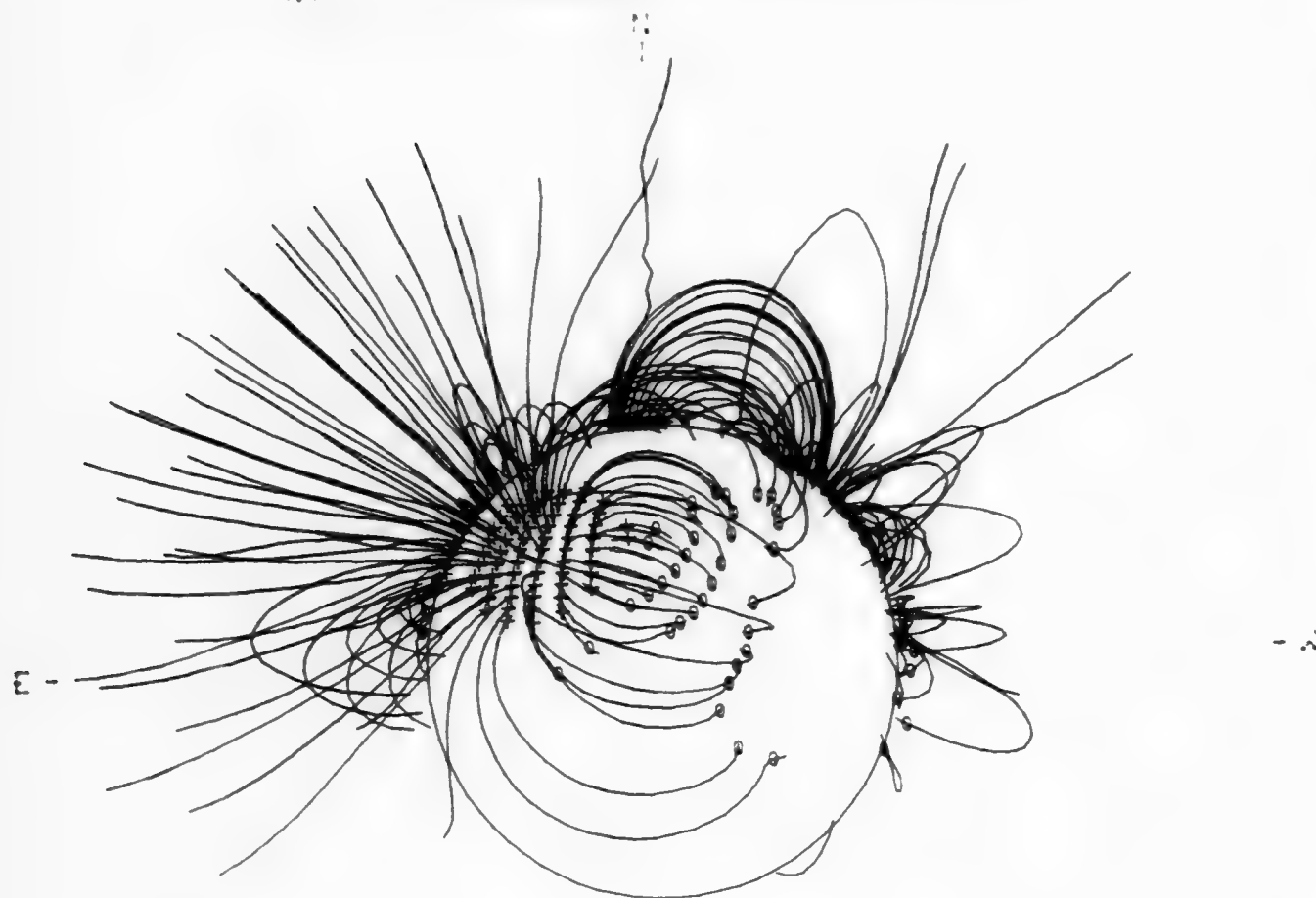
POLES AVERAGED

DATA WINDOW 1510.47

S

ROT. 15.0 LONG. 30°
13.2 2.5 1998

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

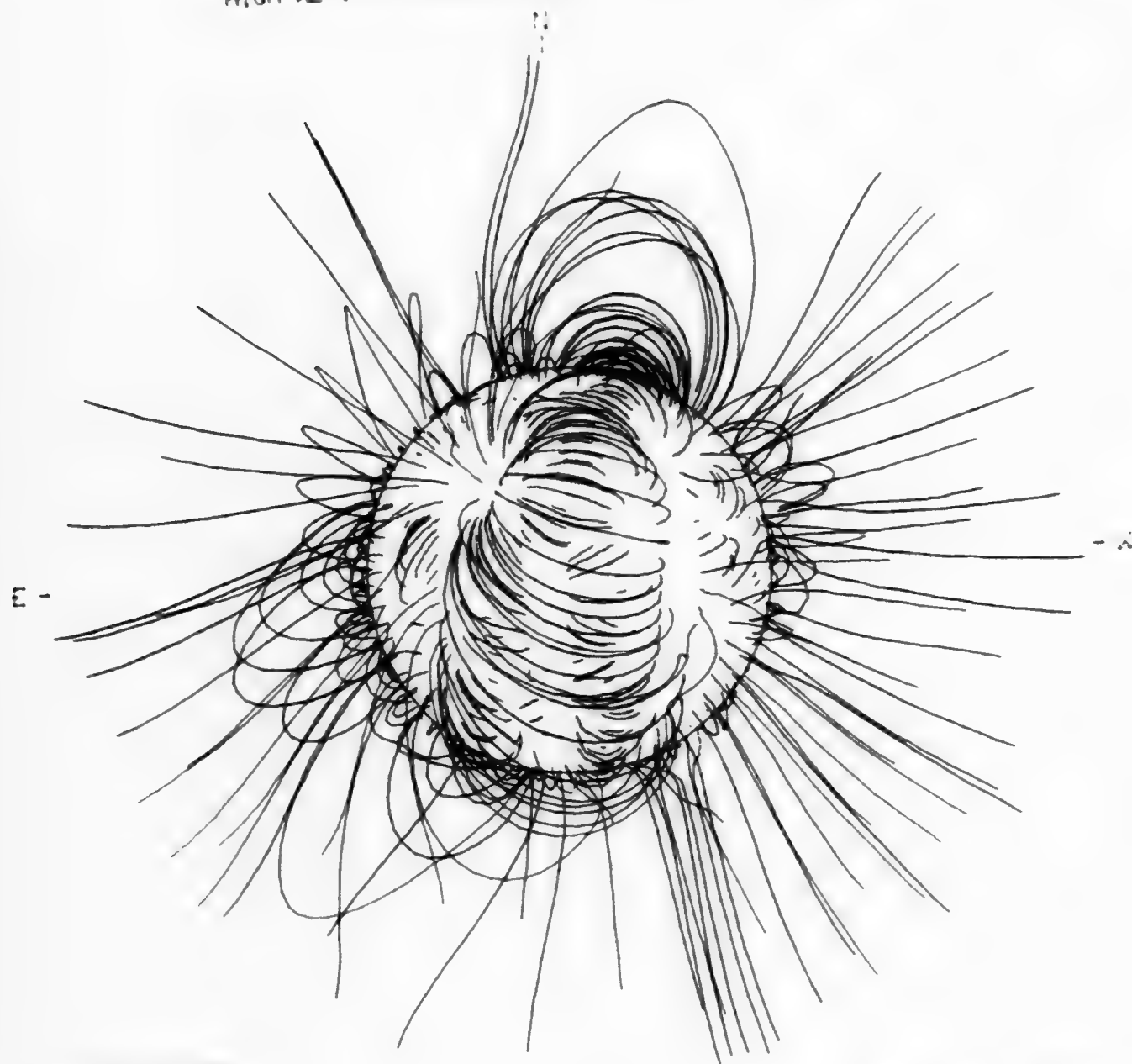
POLES AVERAGED

DATA WINDOW 1510.47

S

RCT. 1510 LONG. 30°
13.2 403 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

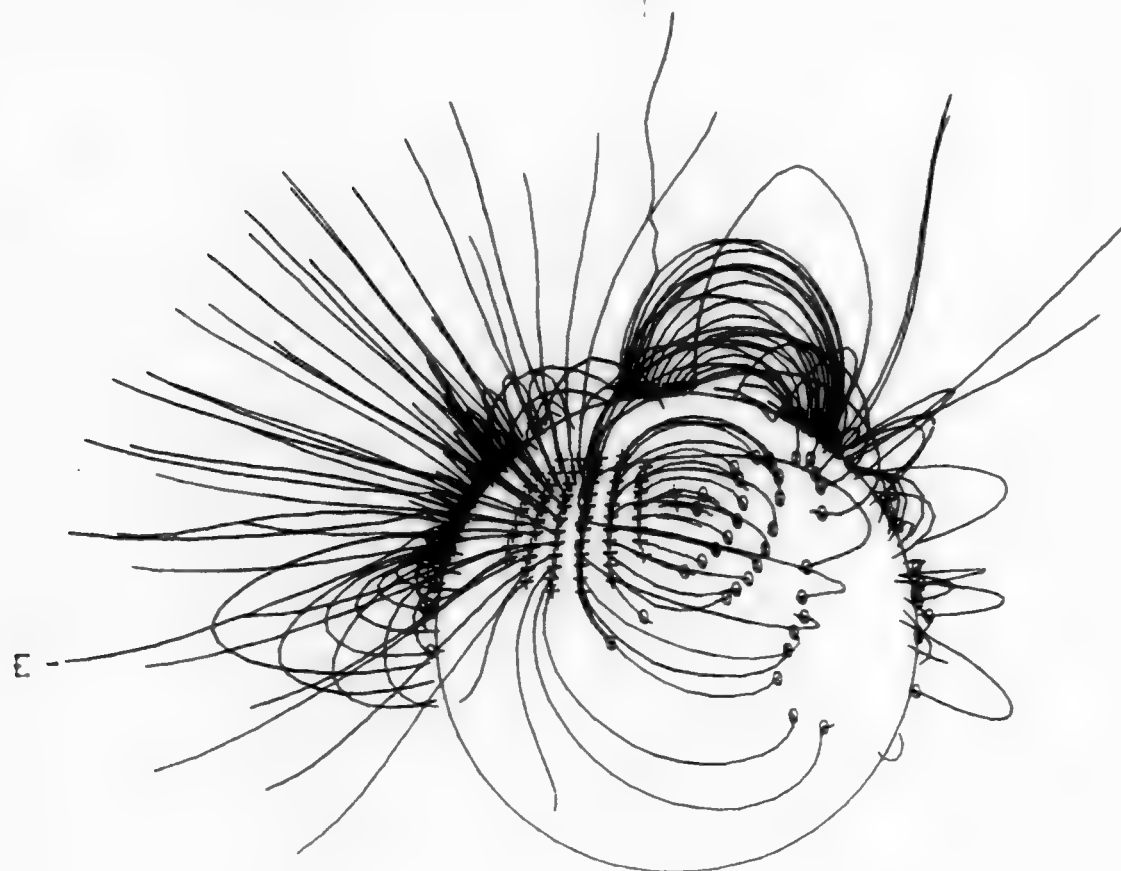


QUALITY FAIR
FILES AVERAGE
DATA NUMBER 1510.47

S

REF. 1511 1000. 1.1
15.1 100 1.000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



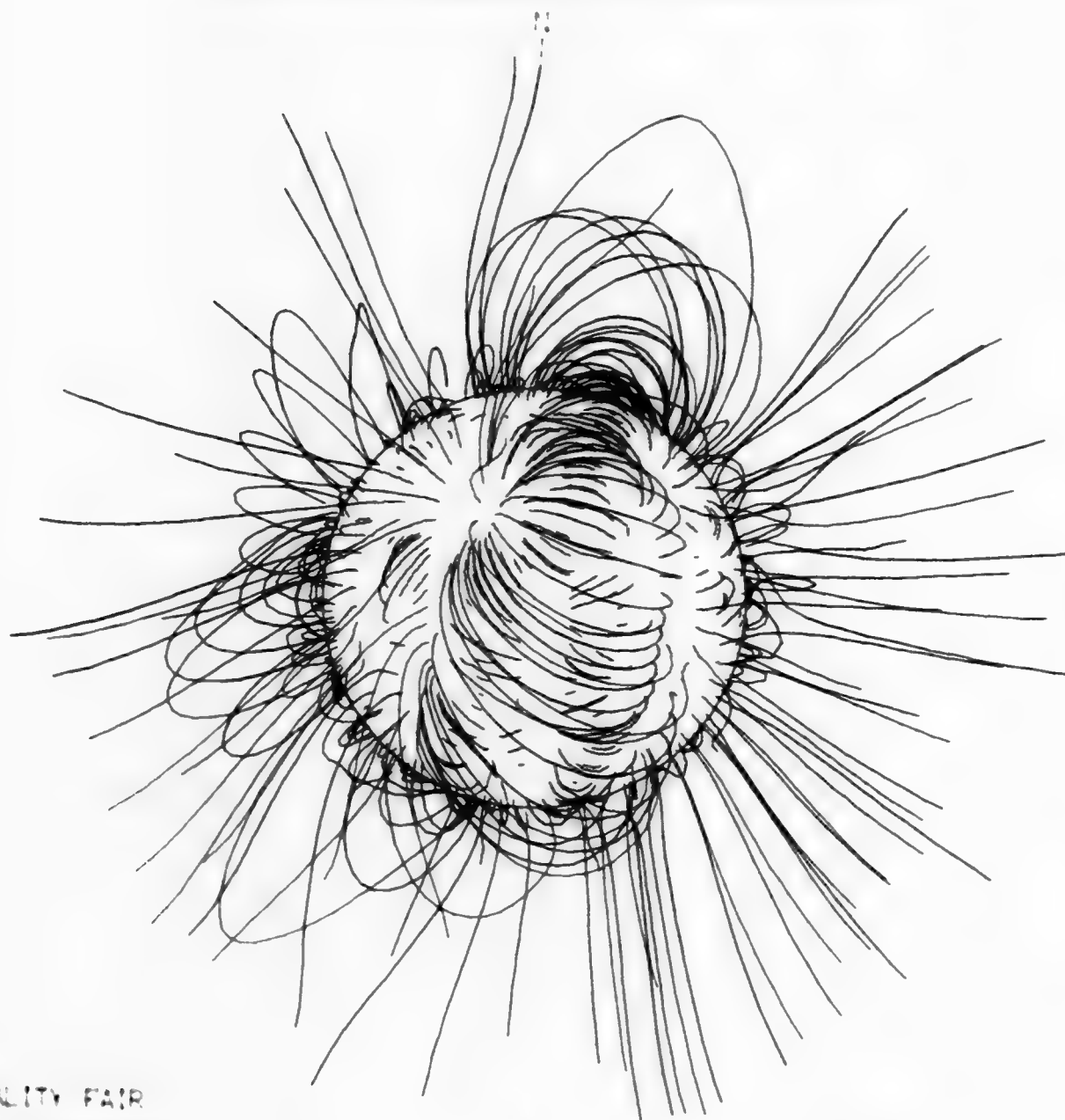
QUALITY FAIR
 PILES AVERAGED
 DATA WIND ON 1510.47

S

R.T. 1510 1010. 11°
 13.9 1010 1010

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

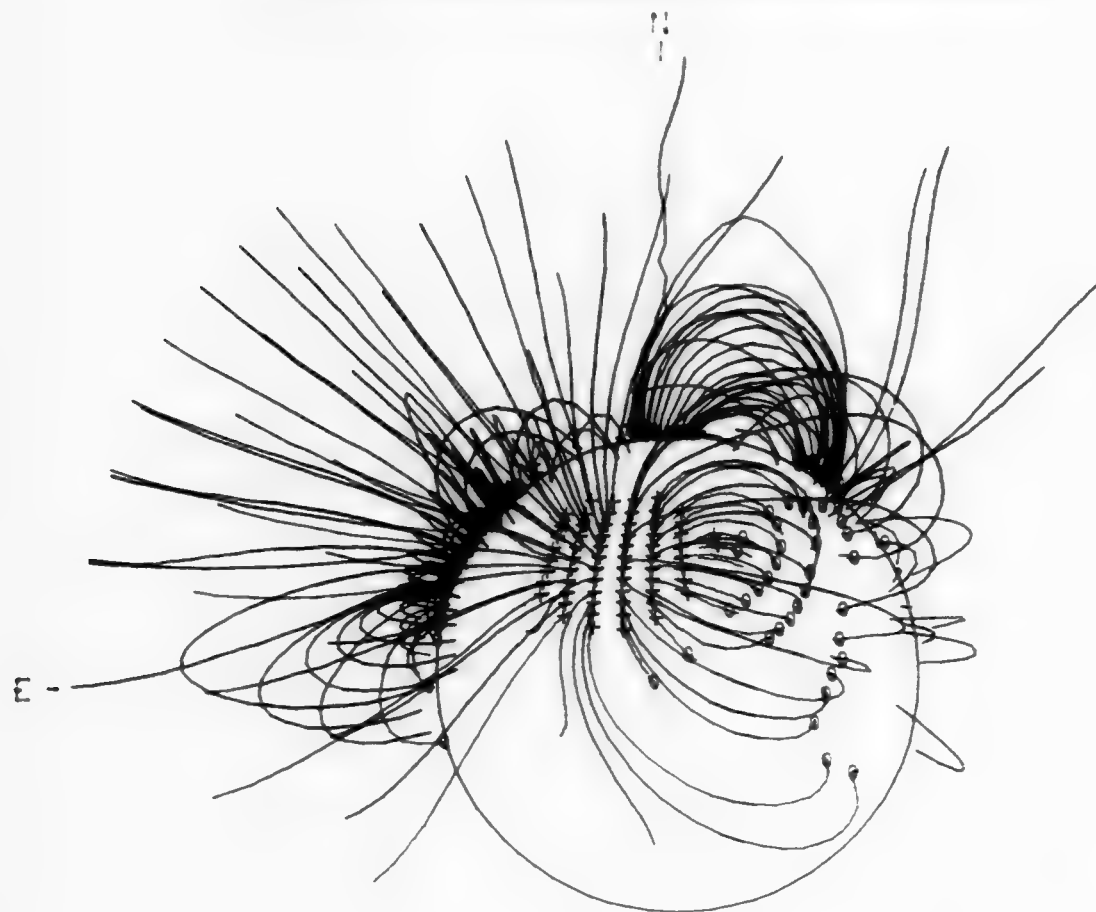
POLES AVERAGED

DATA WINDOW 1510.47

5

20.7 15.0 10.0 5.0
14.7 10.0 5.0

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

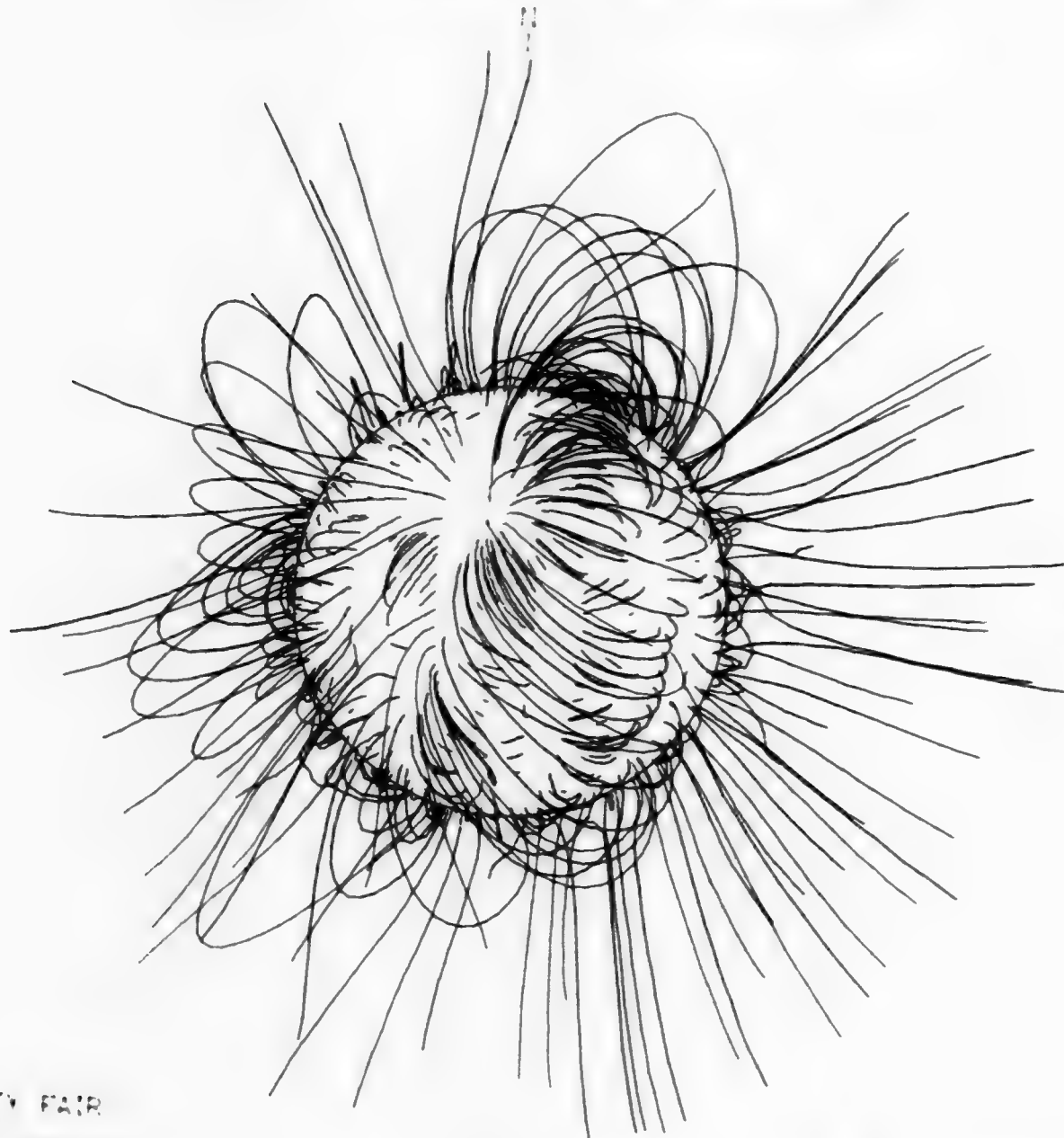
DATA WINDOW 1510.47

1
S

R.T. 1510 LONG. 151
12.7 205 1295

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

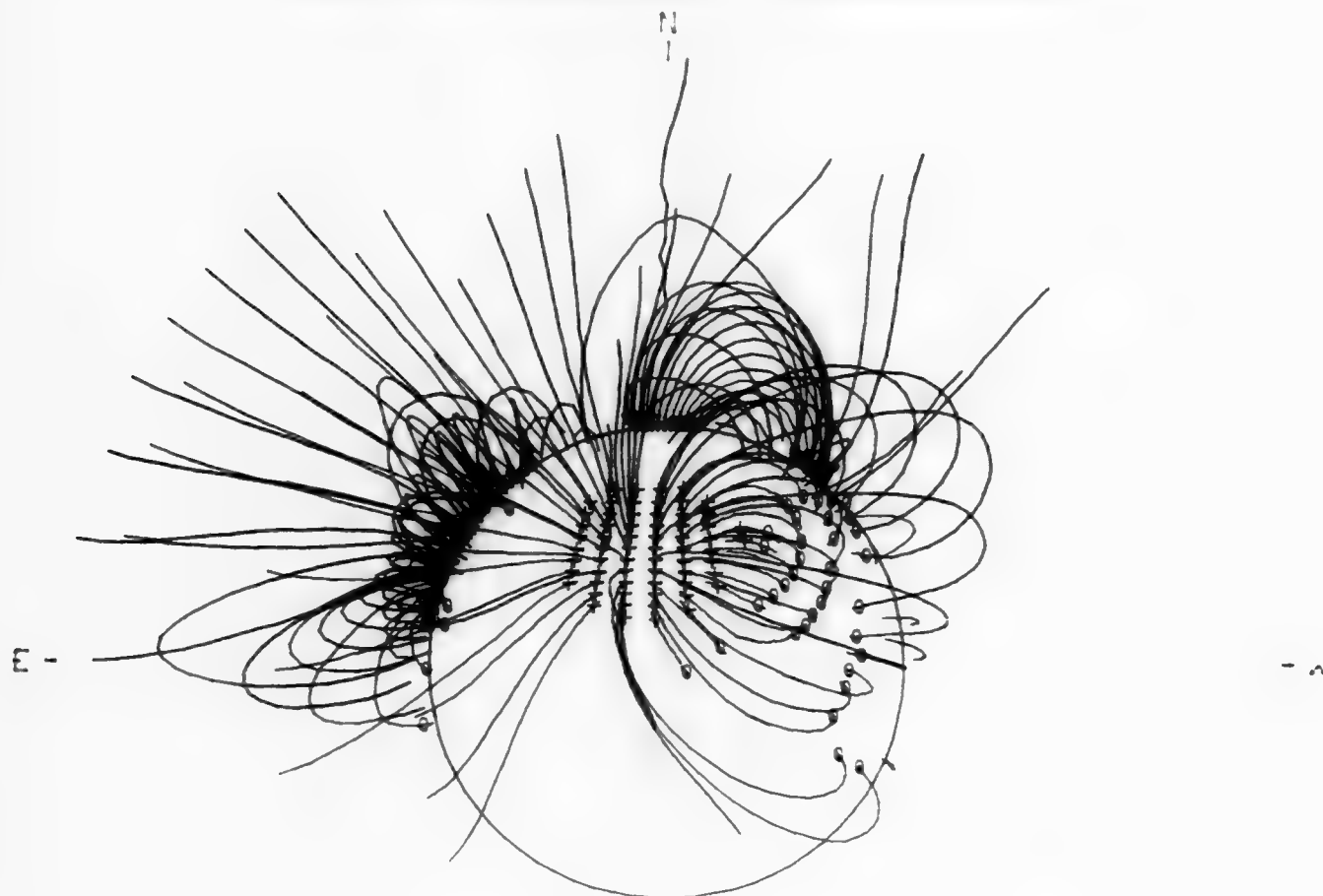


QUALITY FAIR
PULSES AVERAGED
DATA WINDOW 1510.4"

S

ROT. 15.1 LONG. 1.0
15.5 2.0 1.0

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

DATA RUN ON 1510.47

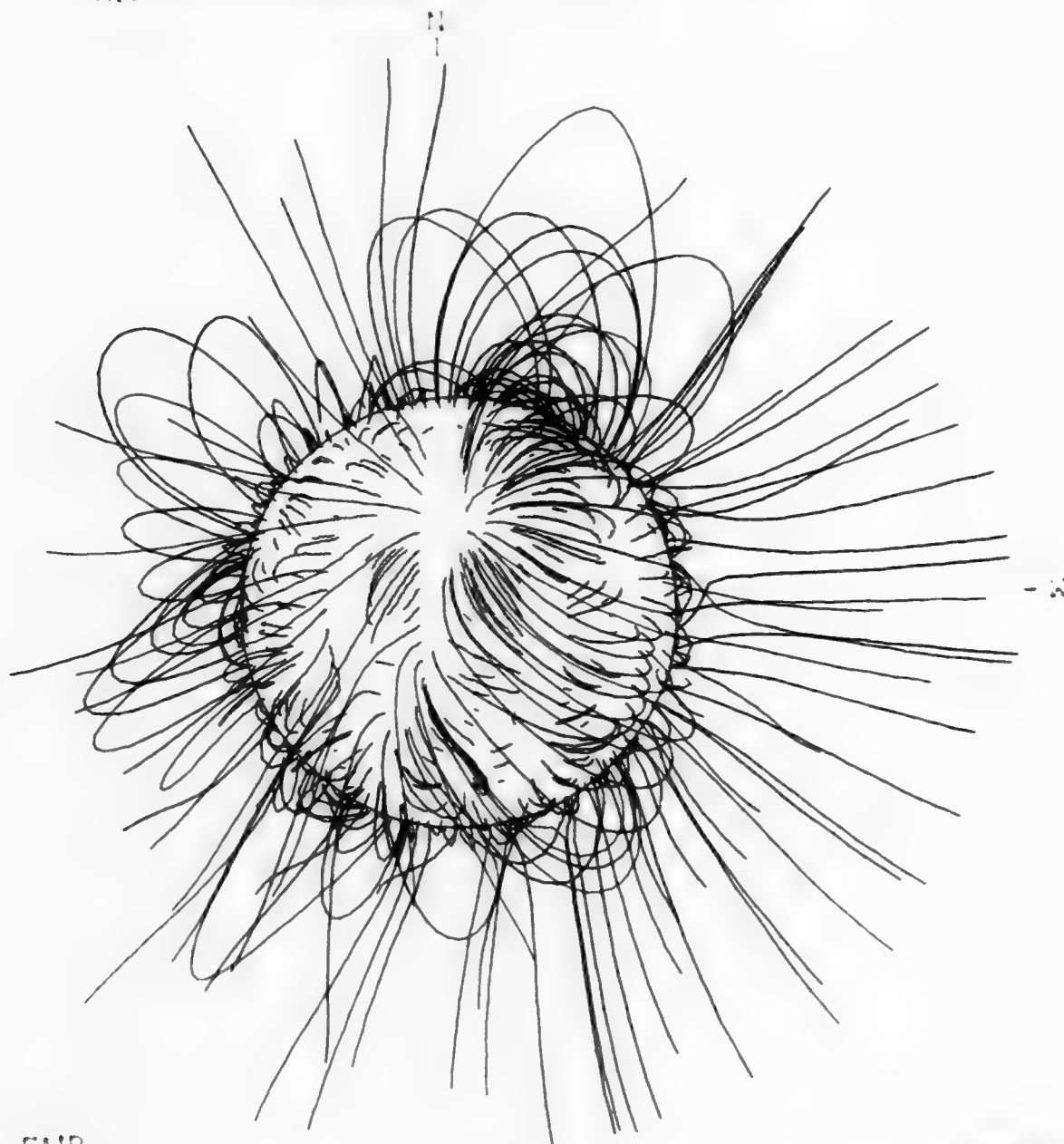
S

RUT. 1510 2110 15

15.5 211 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

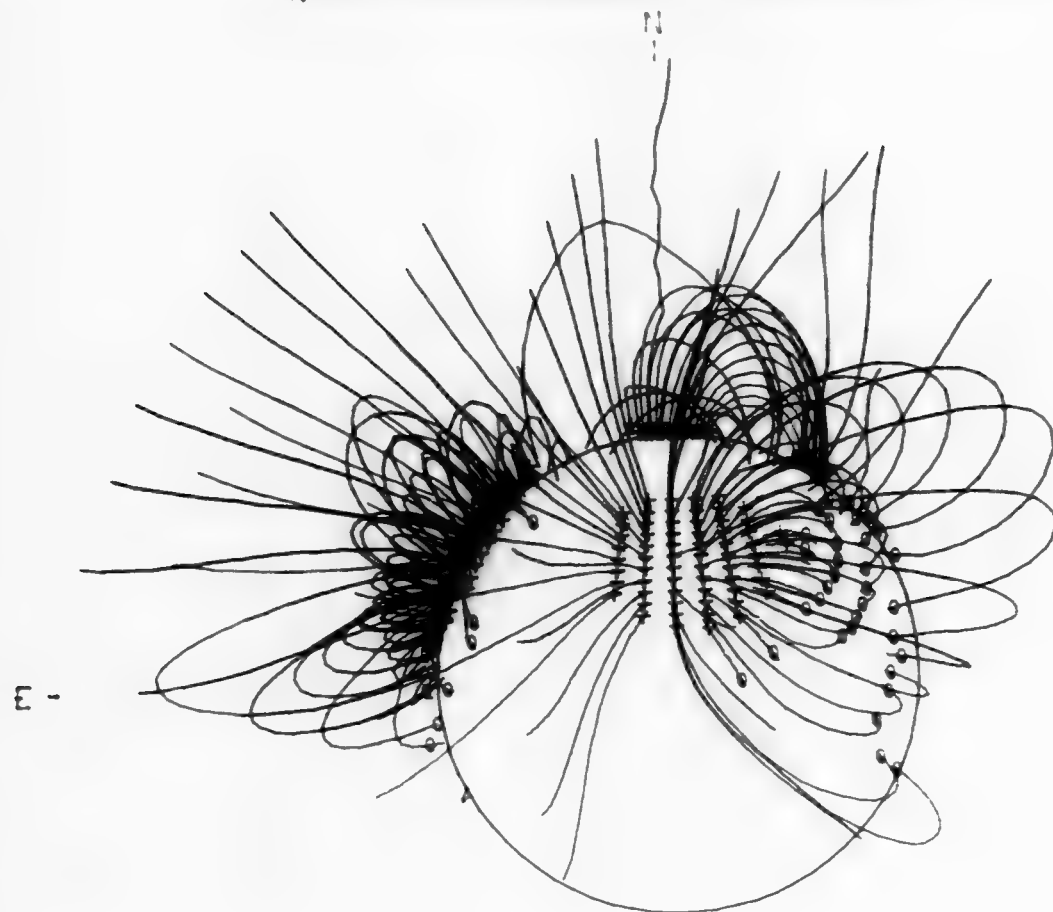
POLES AVERAGED

DATA WINDOW 1510.47

S

RCT. 1511 LING. 350°
16.2 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1510.47

S

R.T. 1511

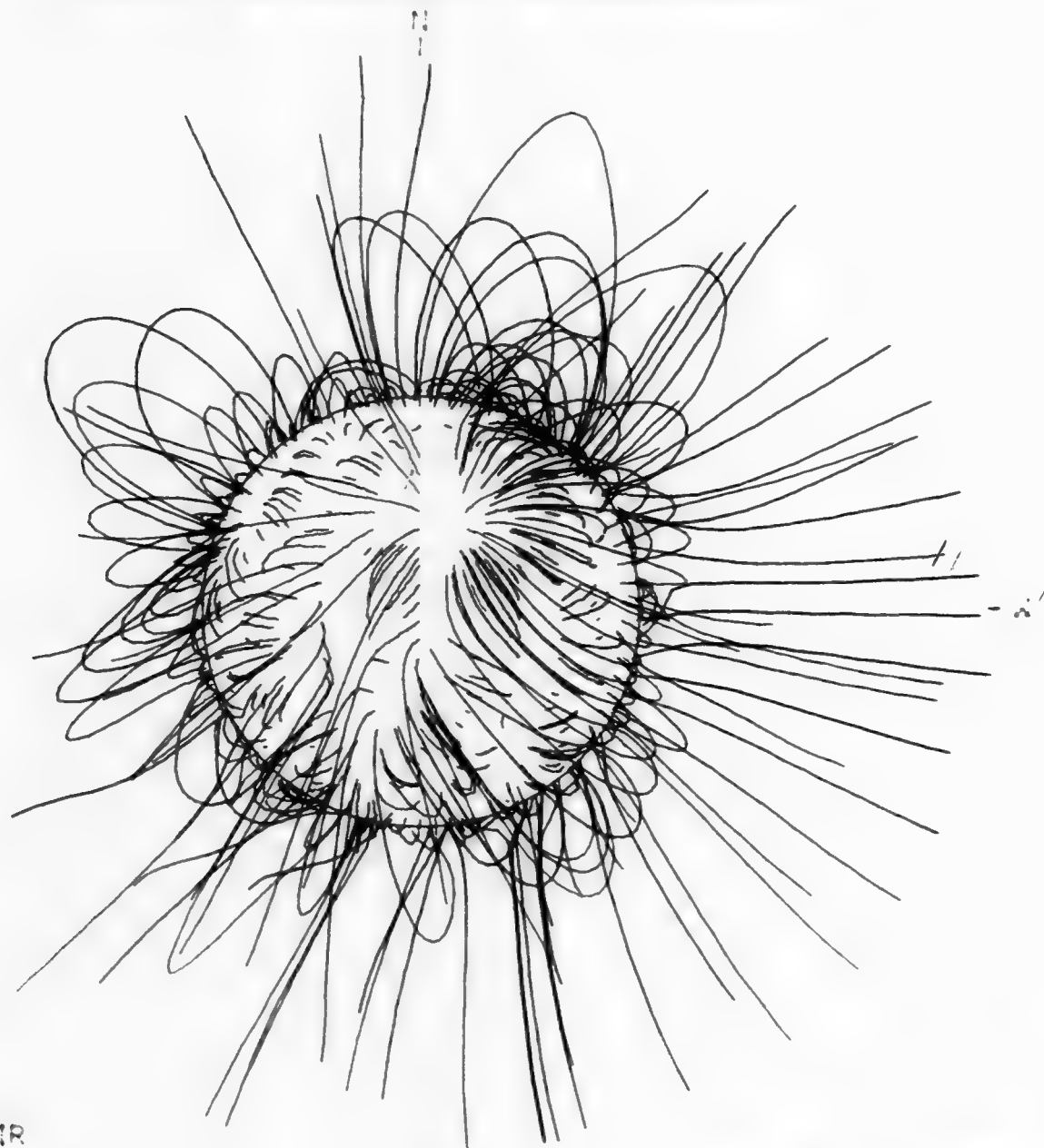
LONG. 1511

15.2 AUG

1955

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

POLES AVERAGED

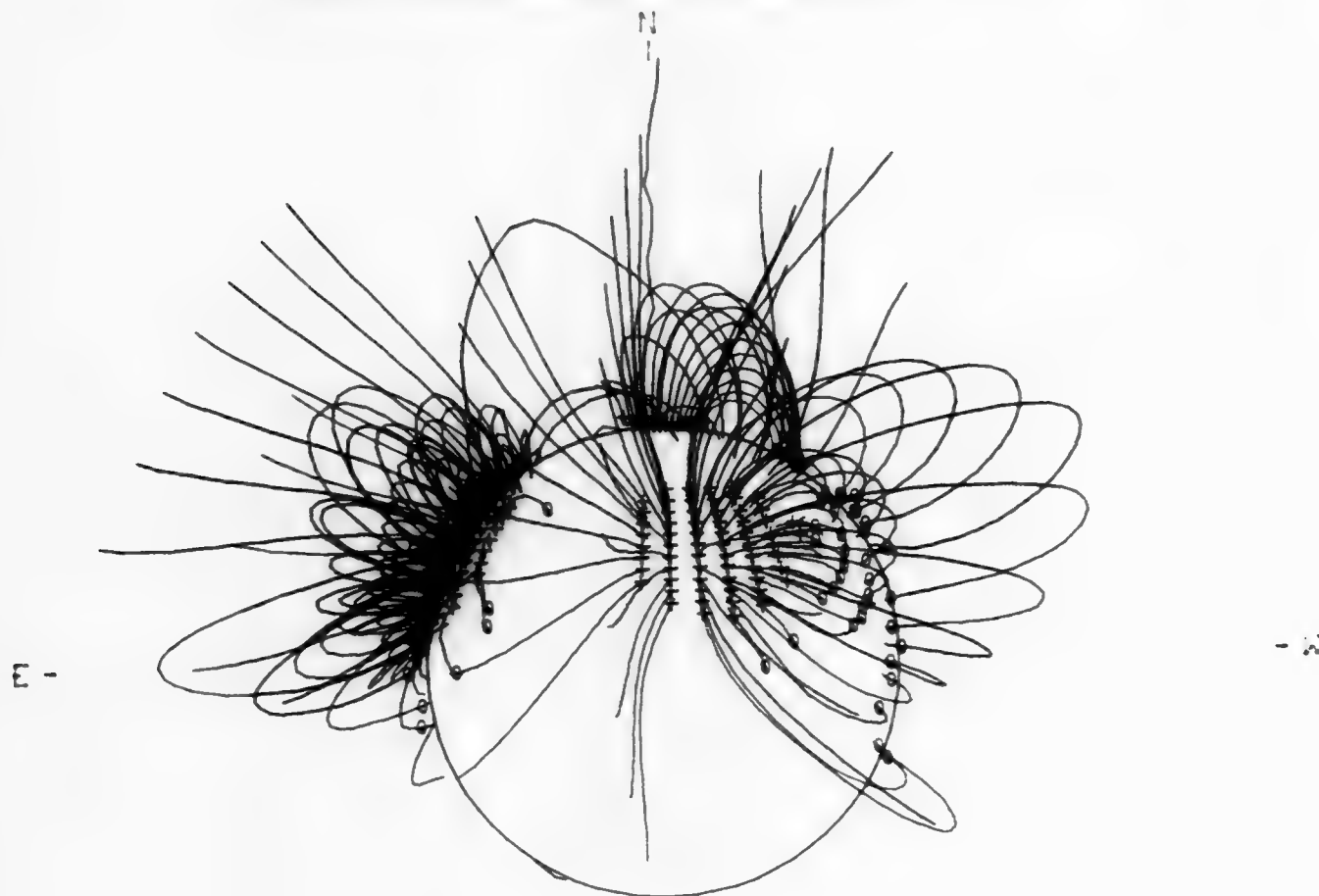
DATA WINDOW 1510.47

S

RUT. 1511 LONG. 340°

17.0 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

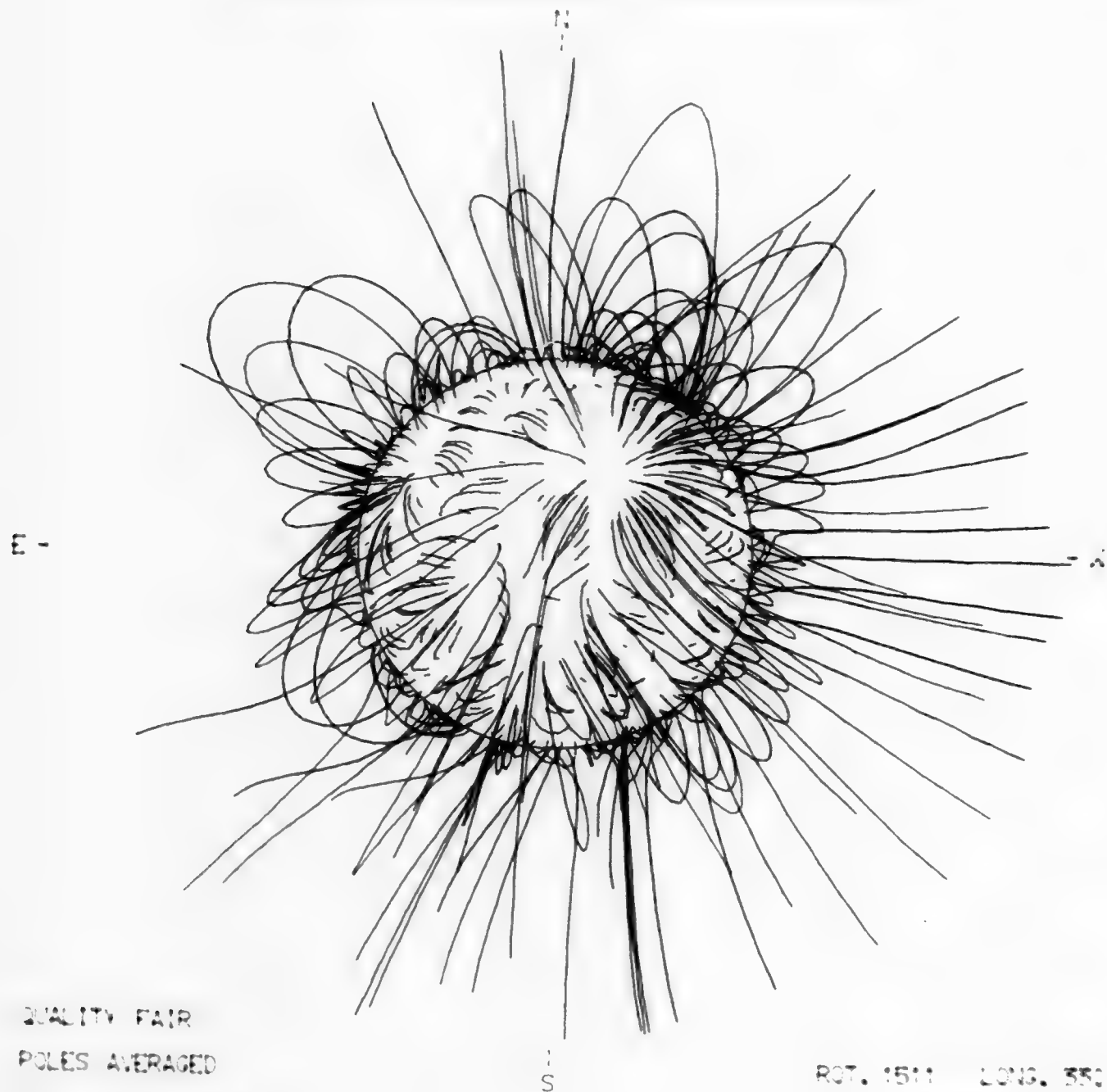
POLES AVERAGED

DATA WINDOW 1510.47

S

ROT. 151° LONG. 341°
17.0 200 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

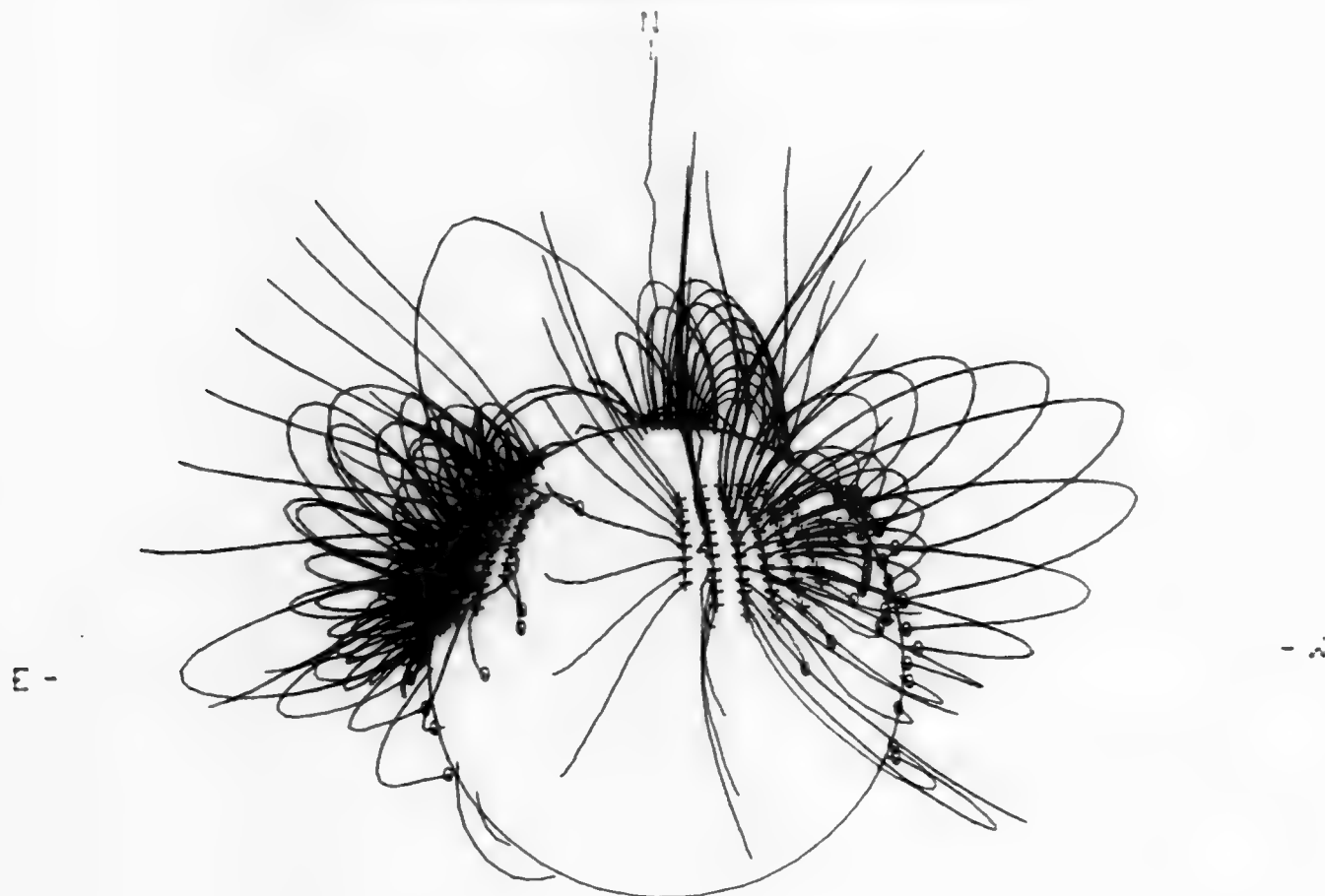
POLES AVERAGED

DATA WINDOW 1510.47

ROT. 1511 LONG. 350°

17.7 AUG 1965

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

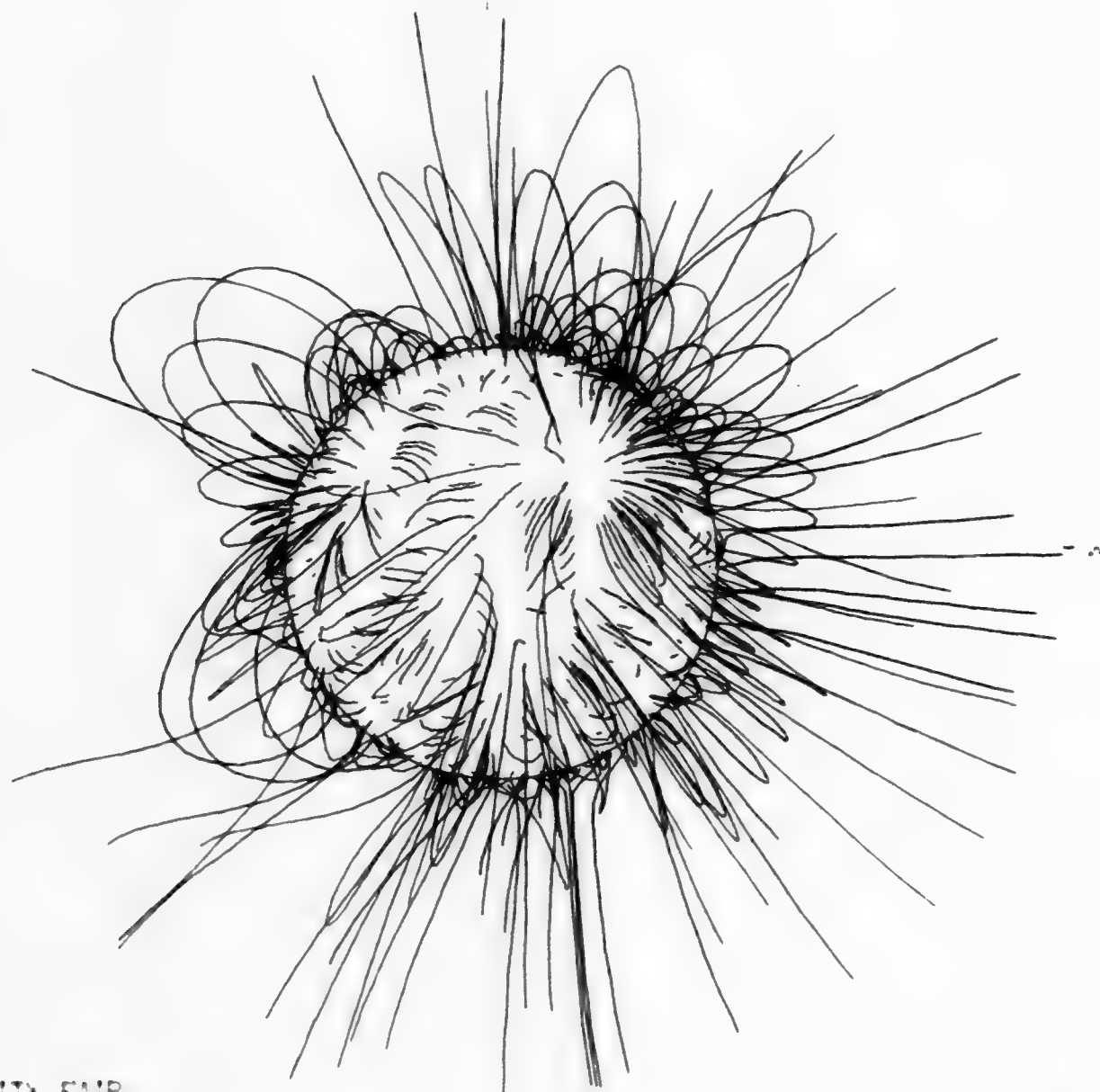
DATA WINDOW 1510.47

1
S

ROT. 15.1° LONG. 55.0°
17.7 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

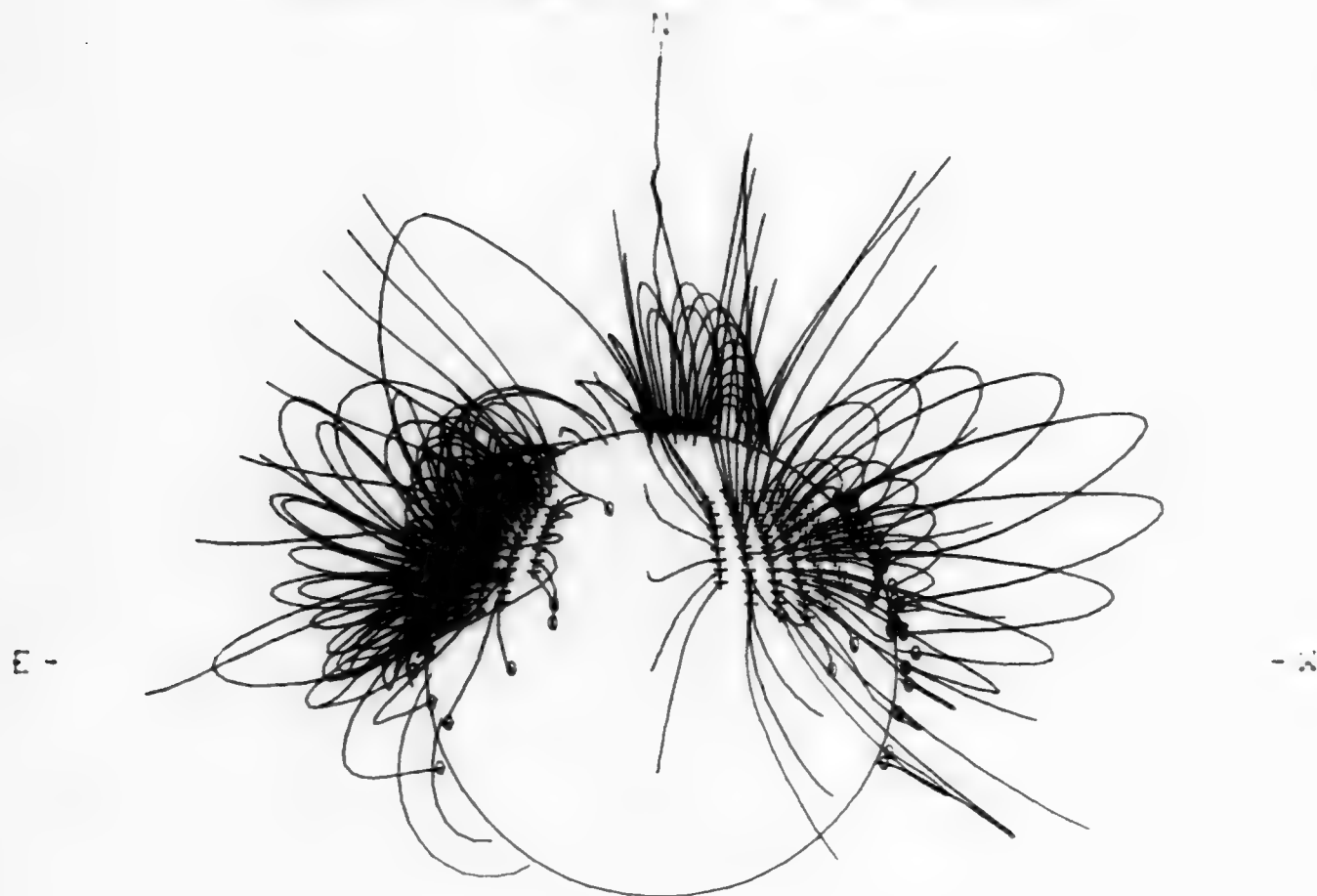
PULSES AVERAGE

DATA WINDOW 1510.47

S

R.L.T. 1511 1000. 300°
18.5 100 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES AVERAGED

DATA WINDOW 1510.47

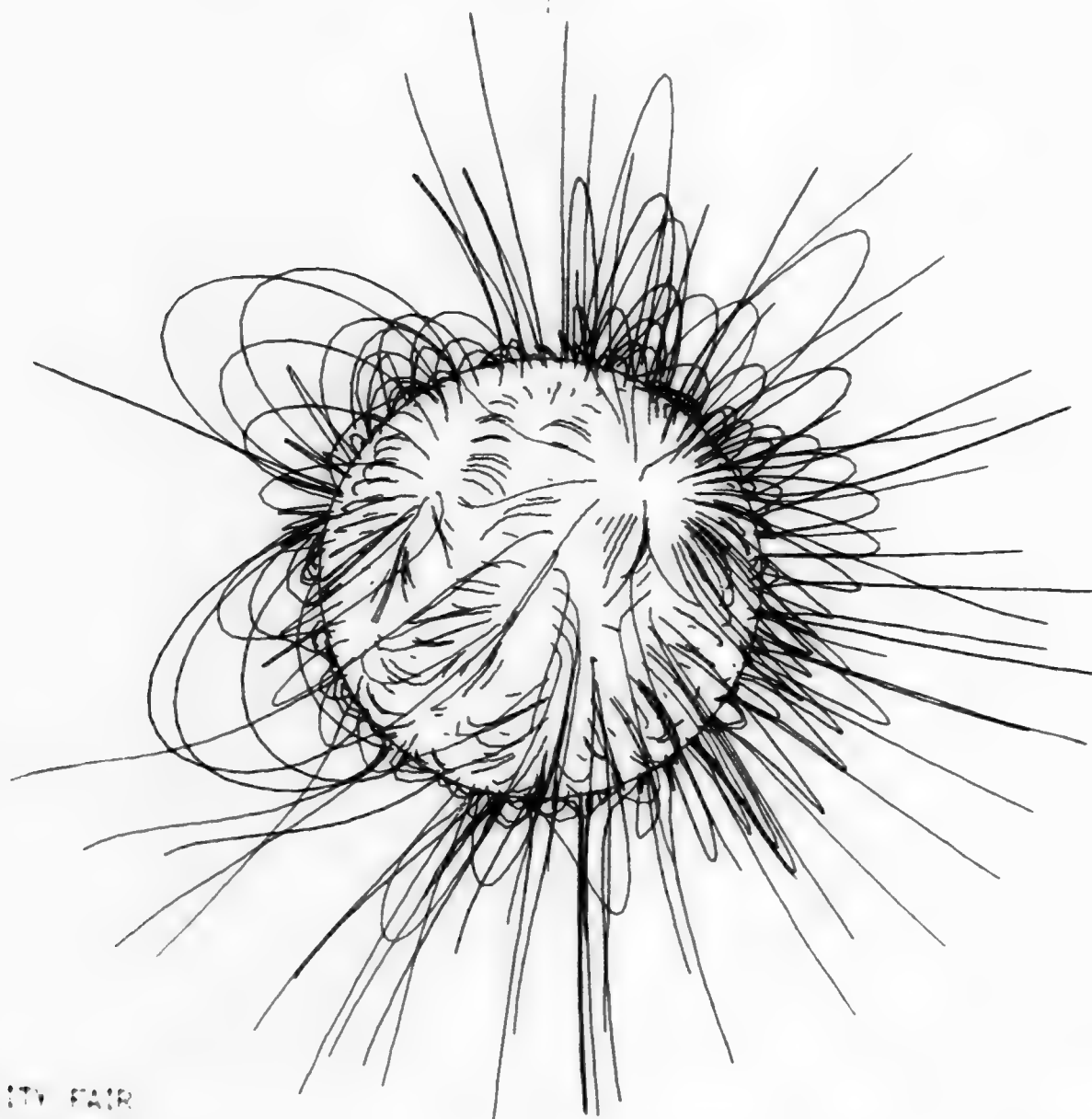
S

ROT. 151° LONG. 301°

18.5 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



- S

QUALITY FAIR

POLES AVERAGED

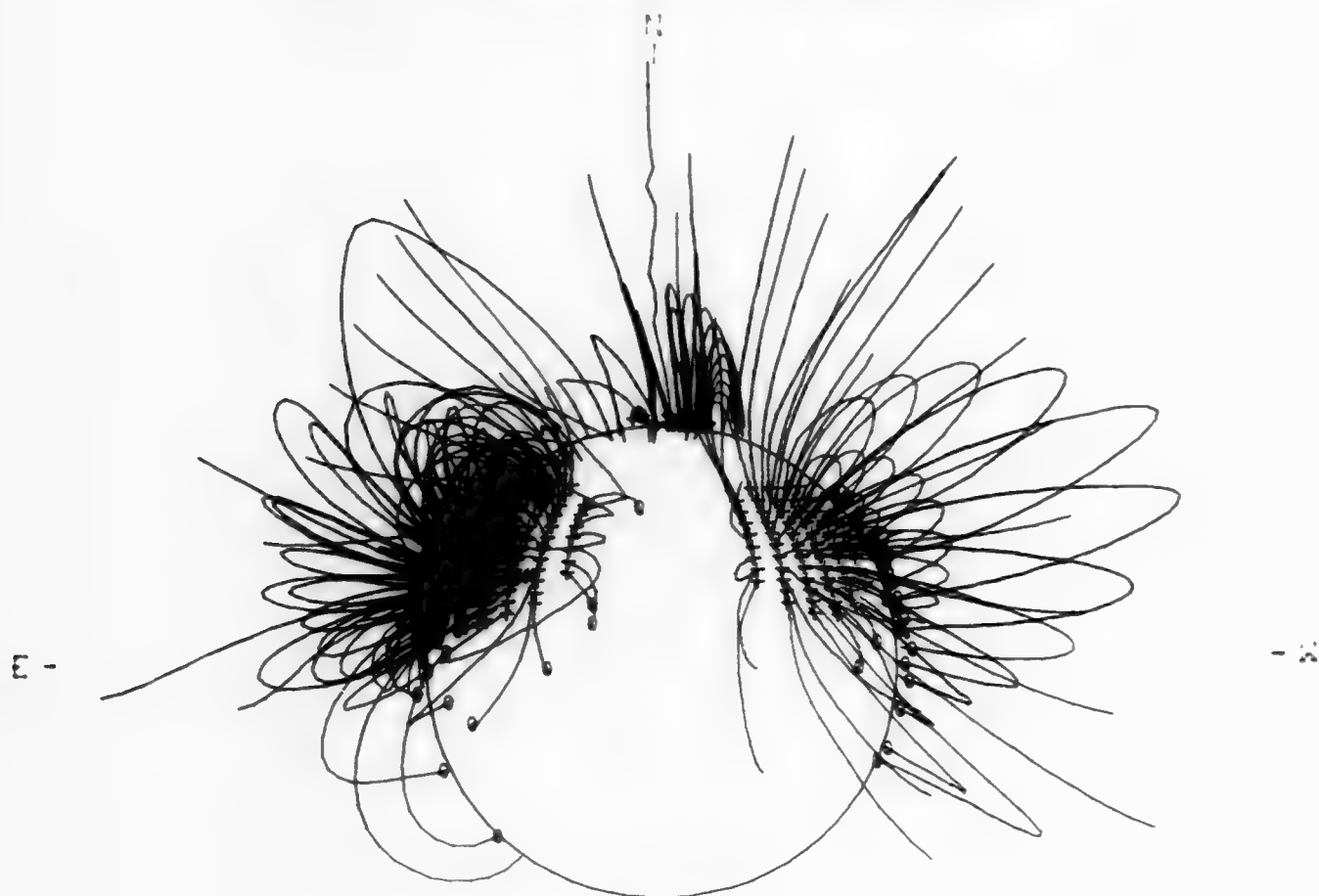
DATA WINDOW 1510.47

S

ROT. 1511 LONG. 31.0°

19.2 AUG 1986

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

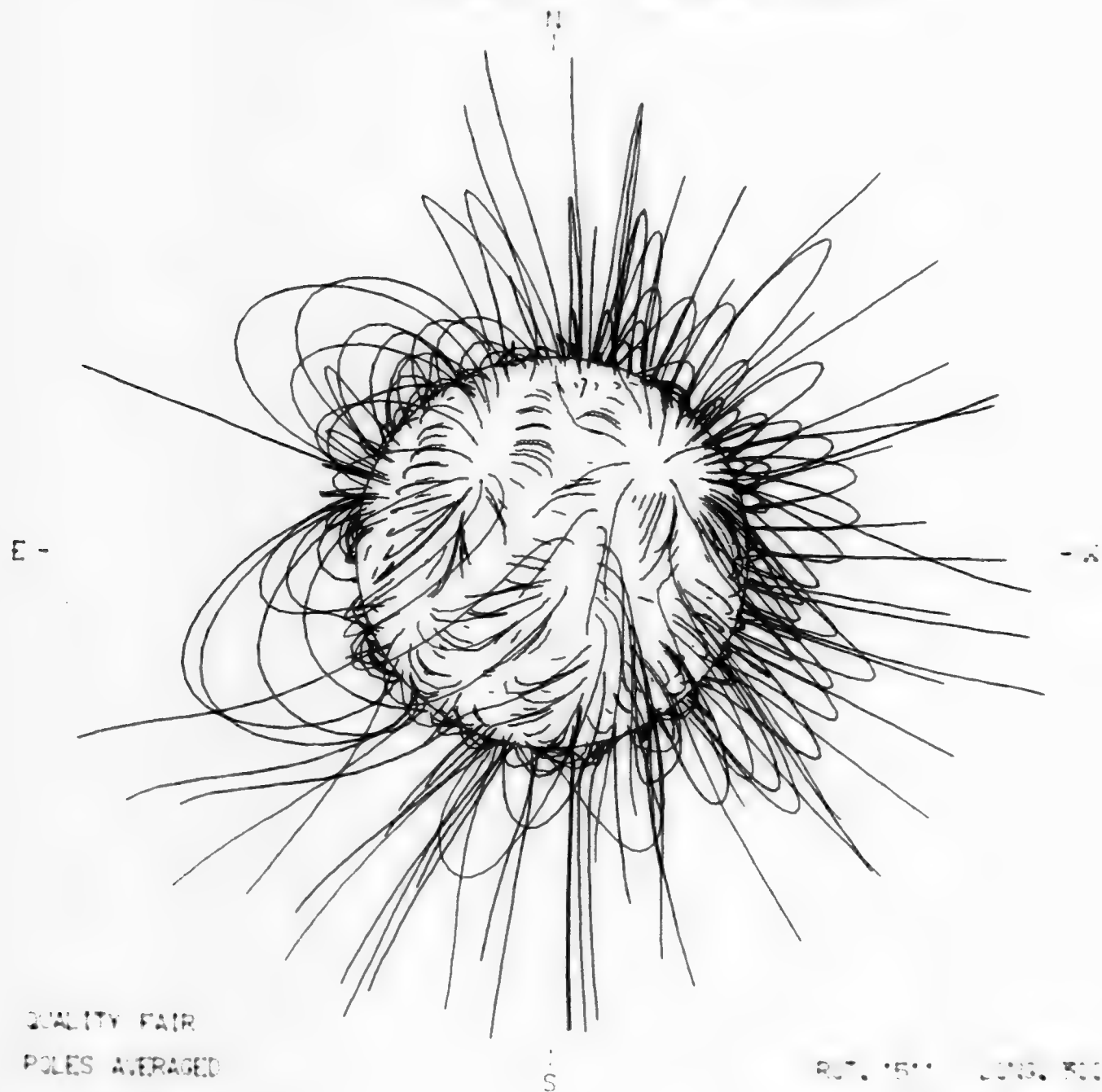
POLES AVERAGED

DATA WINDOW 1510.47

S

R.T. 1511 2013.311
15.2 AUG 1985

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

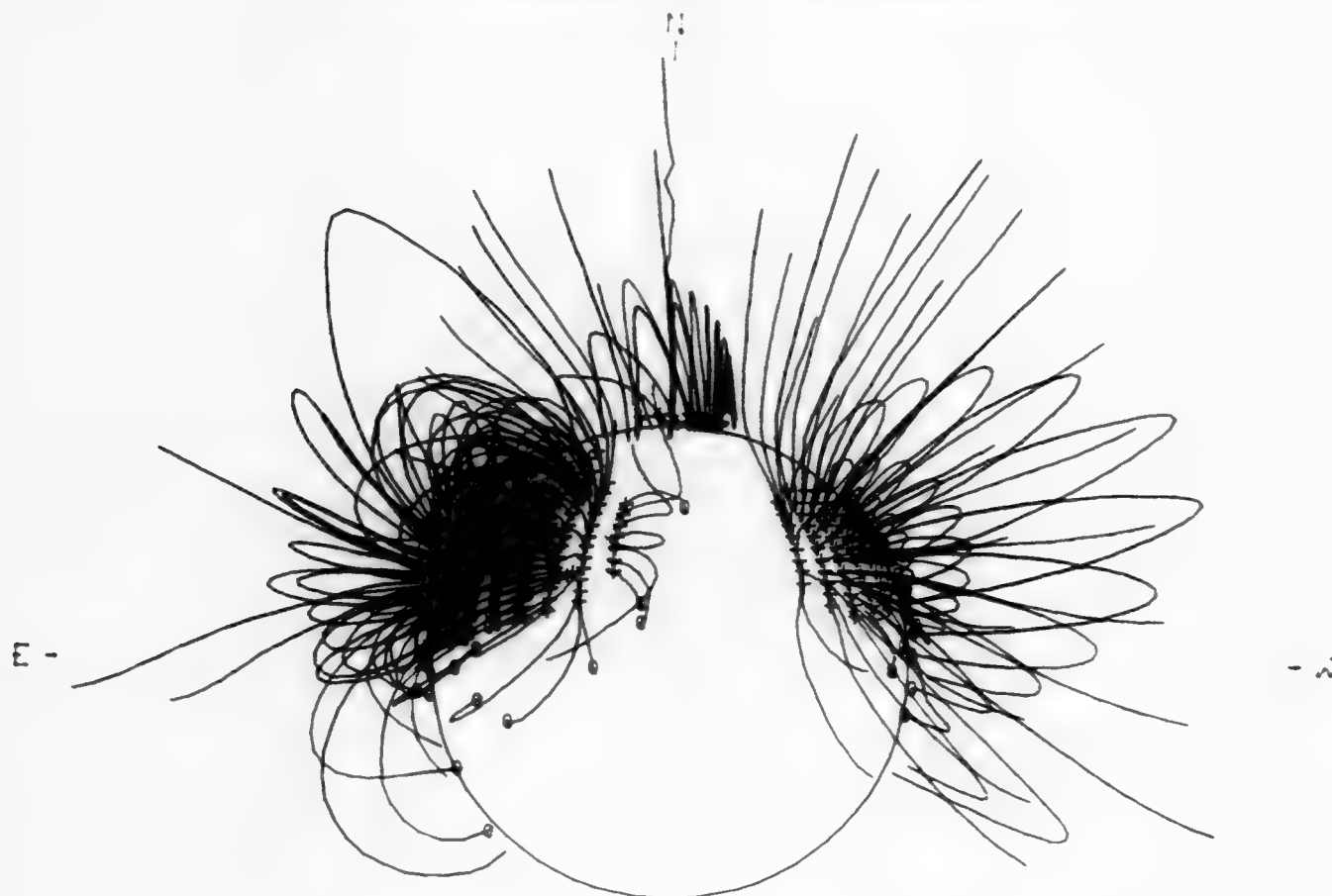
POLES AVERAGED

DATA WINDOW 1510.47

RET. 1511 2010. 300

2010 201 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

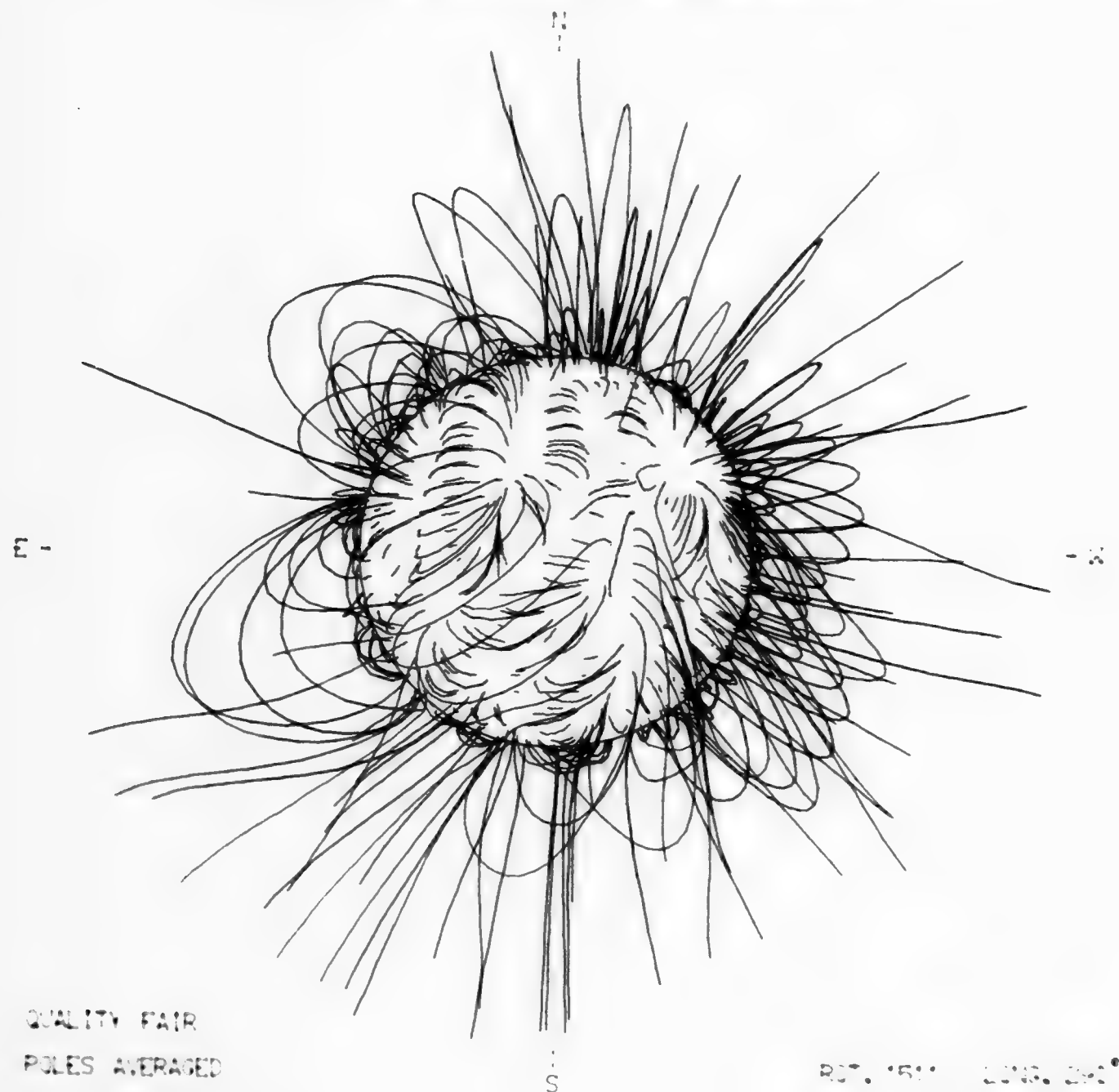
DATA WINDOW 1510.47

1
S

R.T. 1511 L.O.B. 300°

20.0 210 1985

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



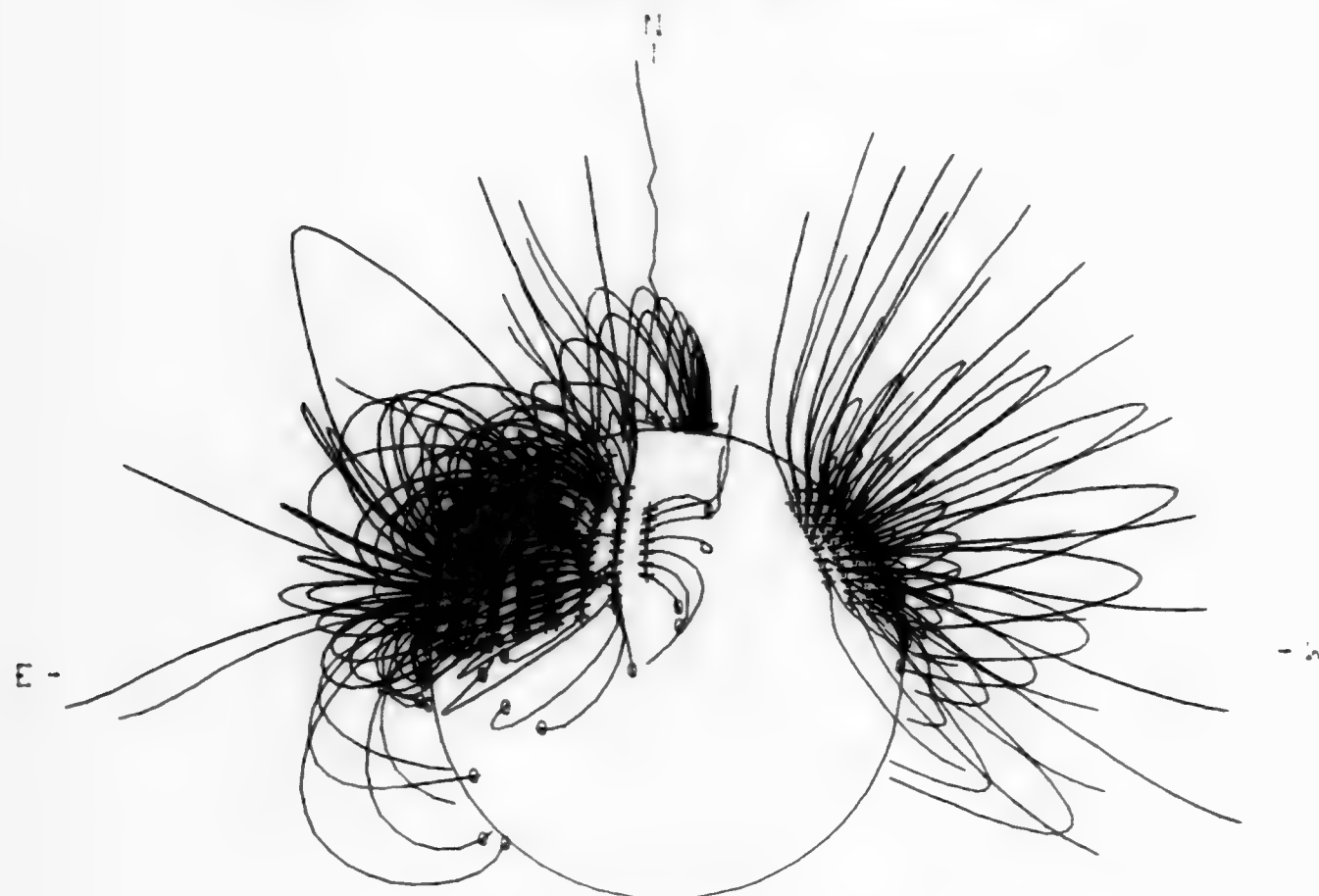
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1510.47

ROT. 151° LONG. 291°
20.8 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

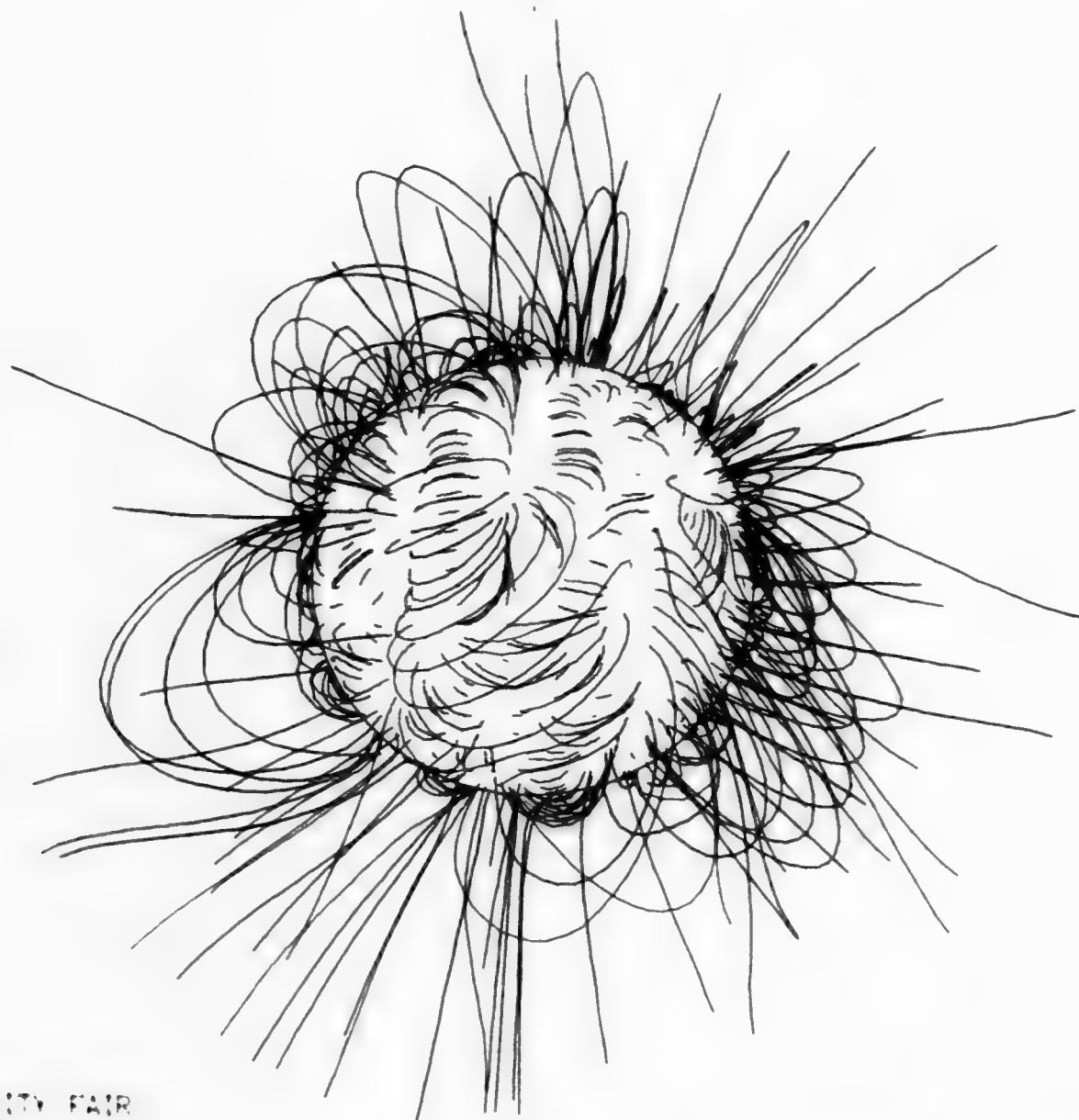
DATA WINDOW 1510.47

S

REL. '51' 20.8 20.8
20.8 20.8 1955

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

POLES AVERAGED

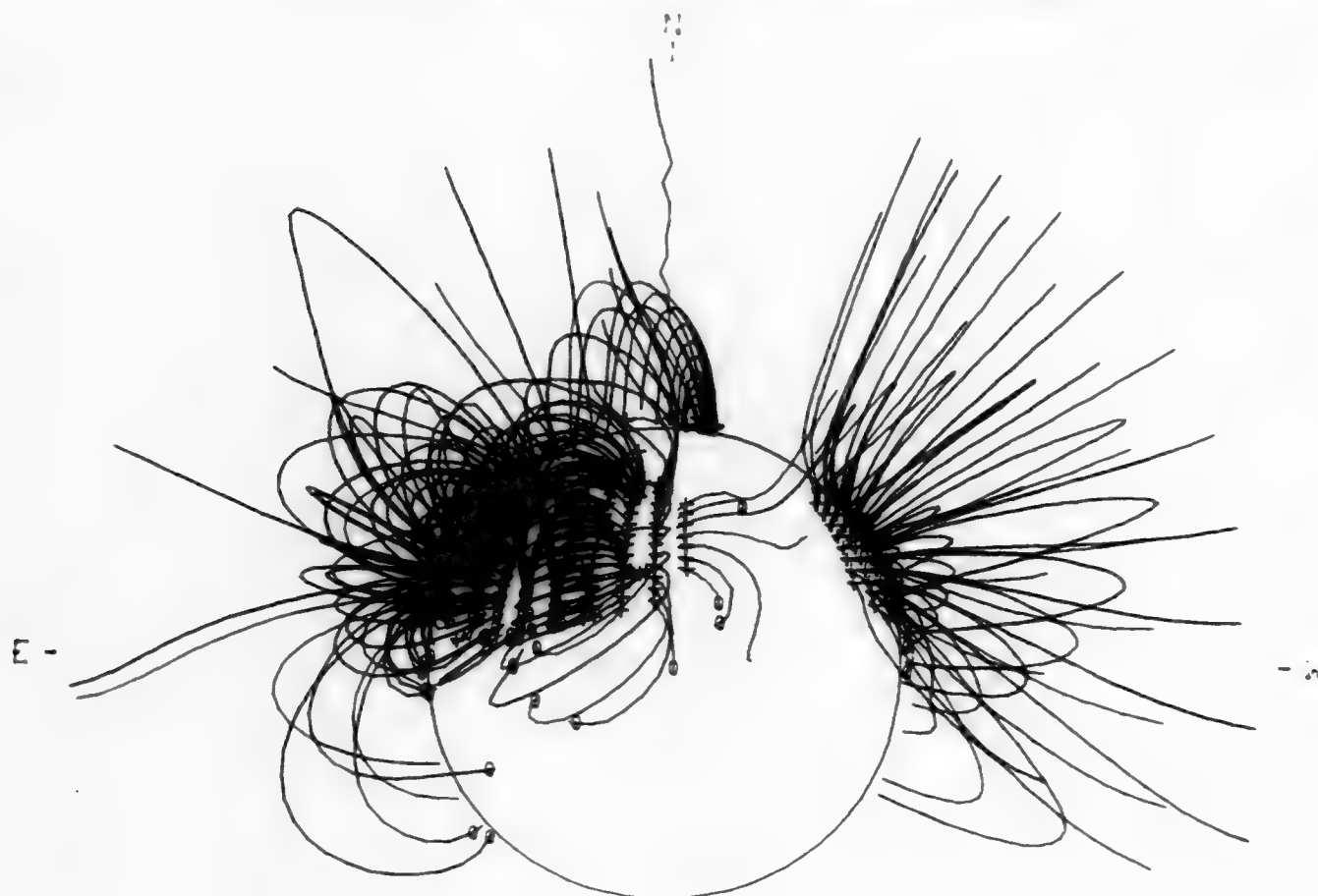
DATA WINDOW 1510.47

S

RCT. 1511 LONG. 280°

21.5 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

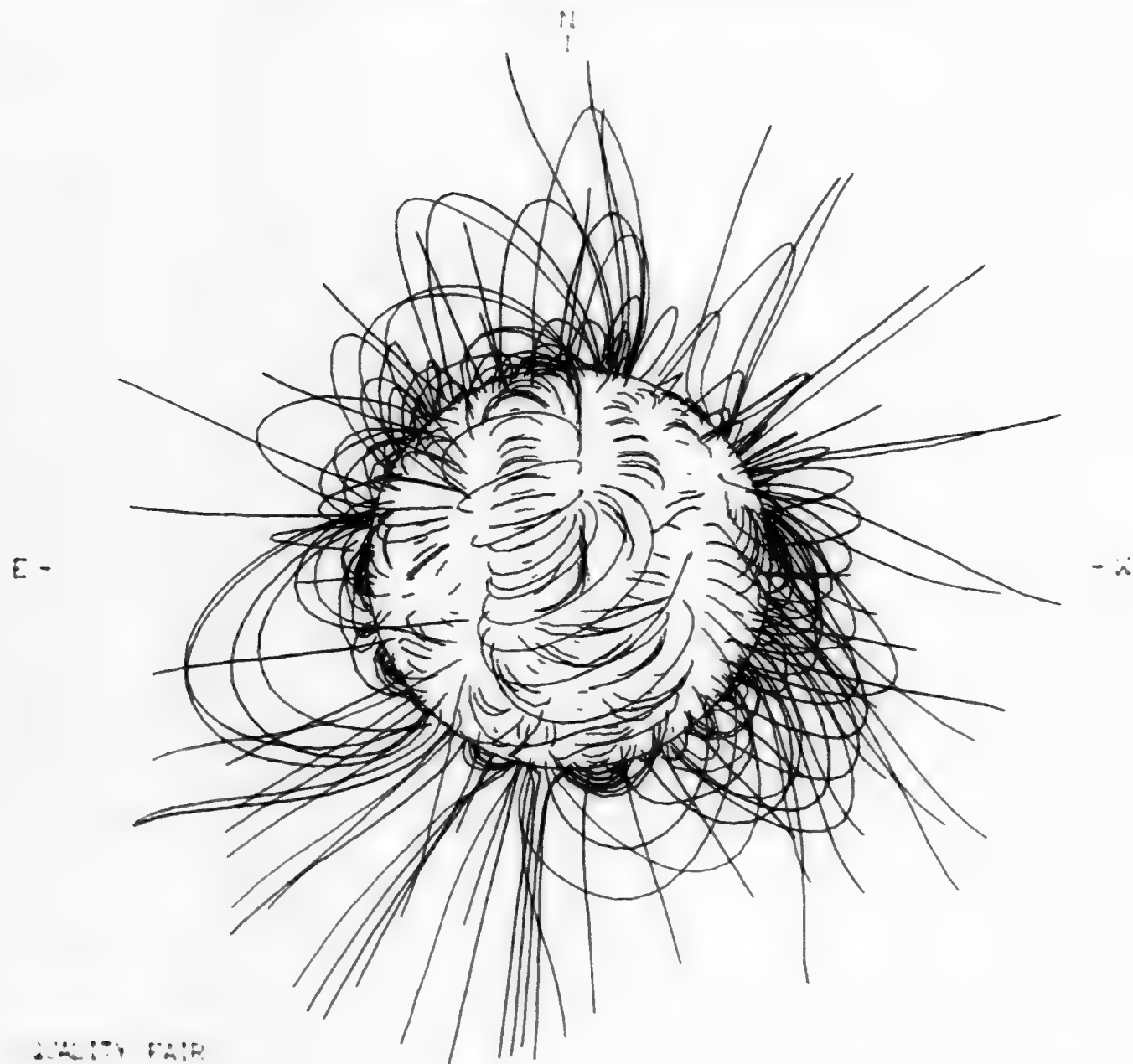
POLES AVERAGED

DATA WINDOW 1510.47

1
S

RCT. 15.11 2010. 201.0
2.5 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

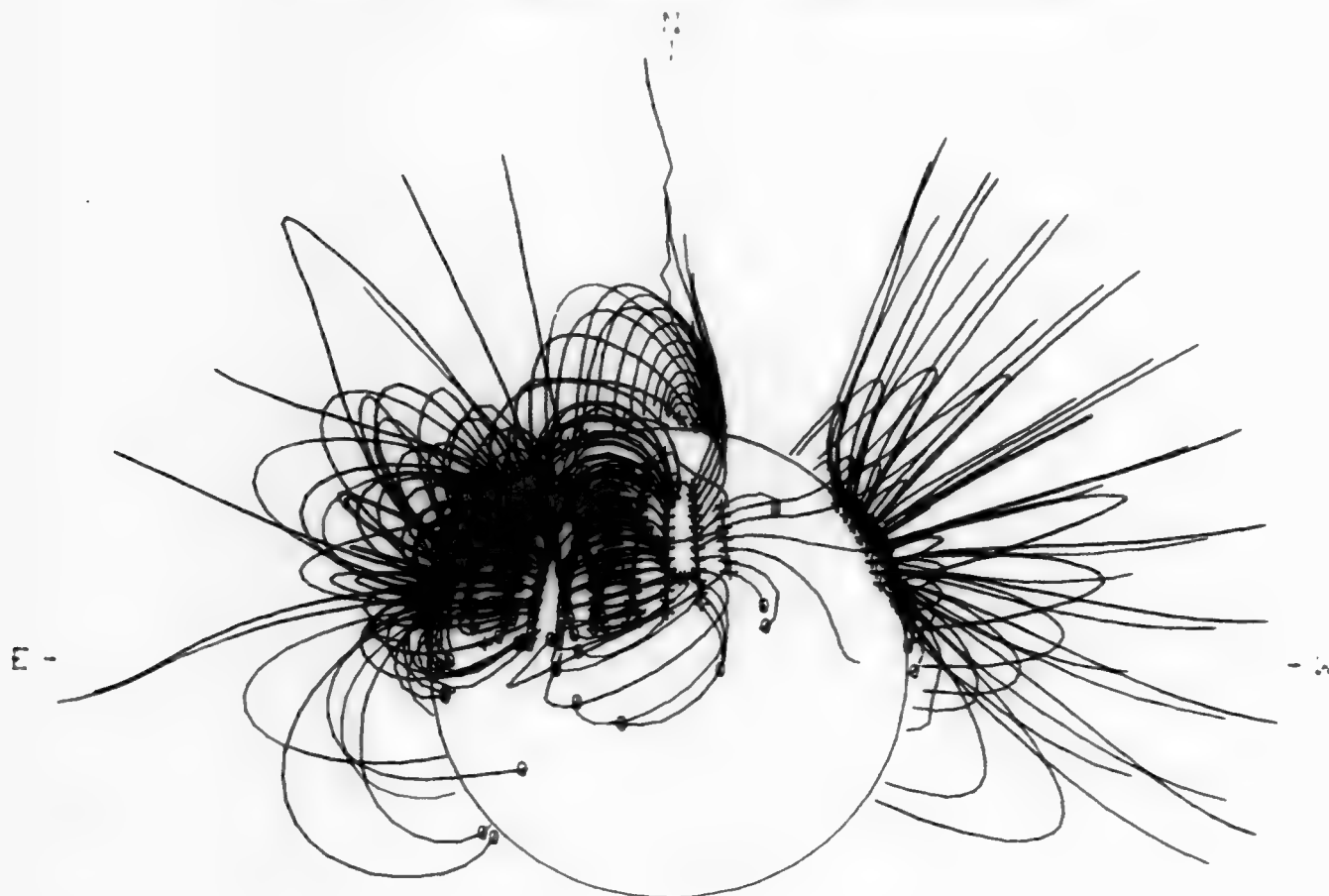
DATA WINDOW 1510.47

S

R.T. 1511 LONG. 271°

21.5 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

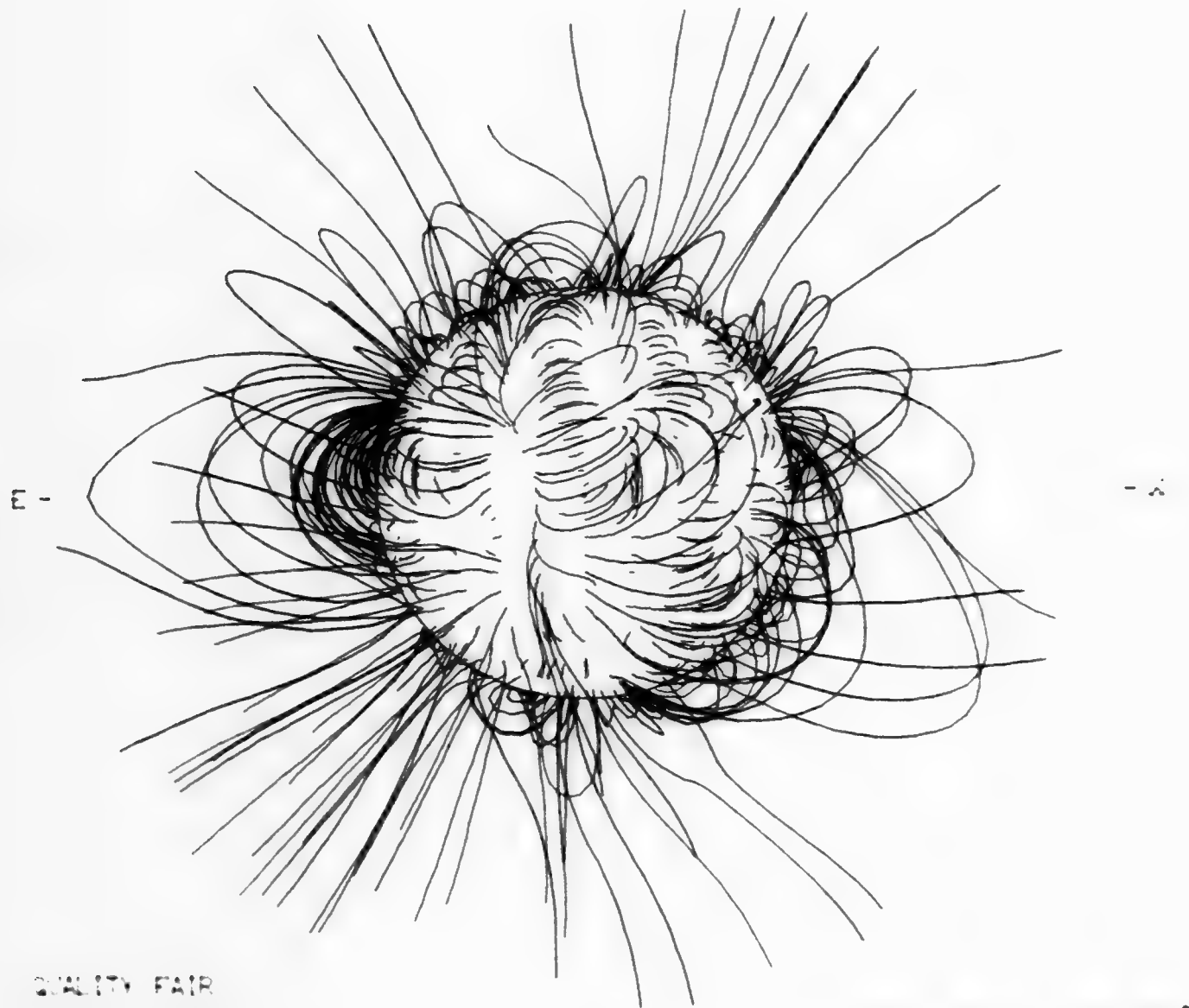
DATA WINDOW 1510.47

1
S

RLT. 1511 2010.271

22.3 201 1996

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

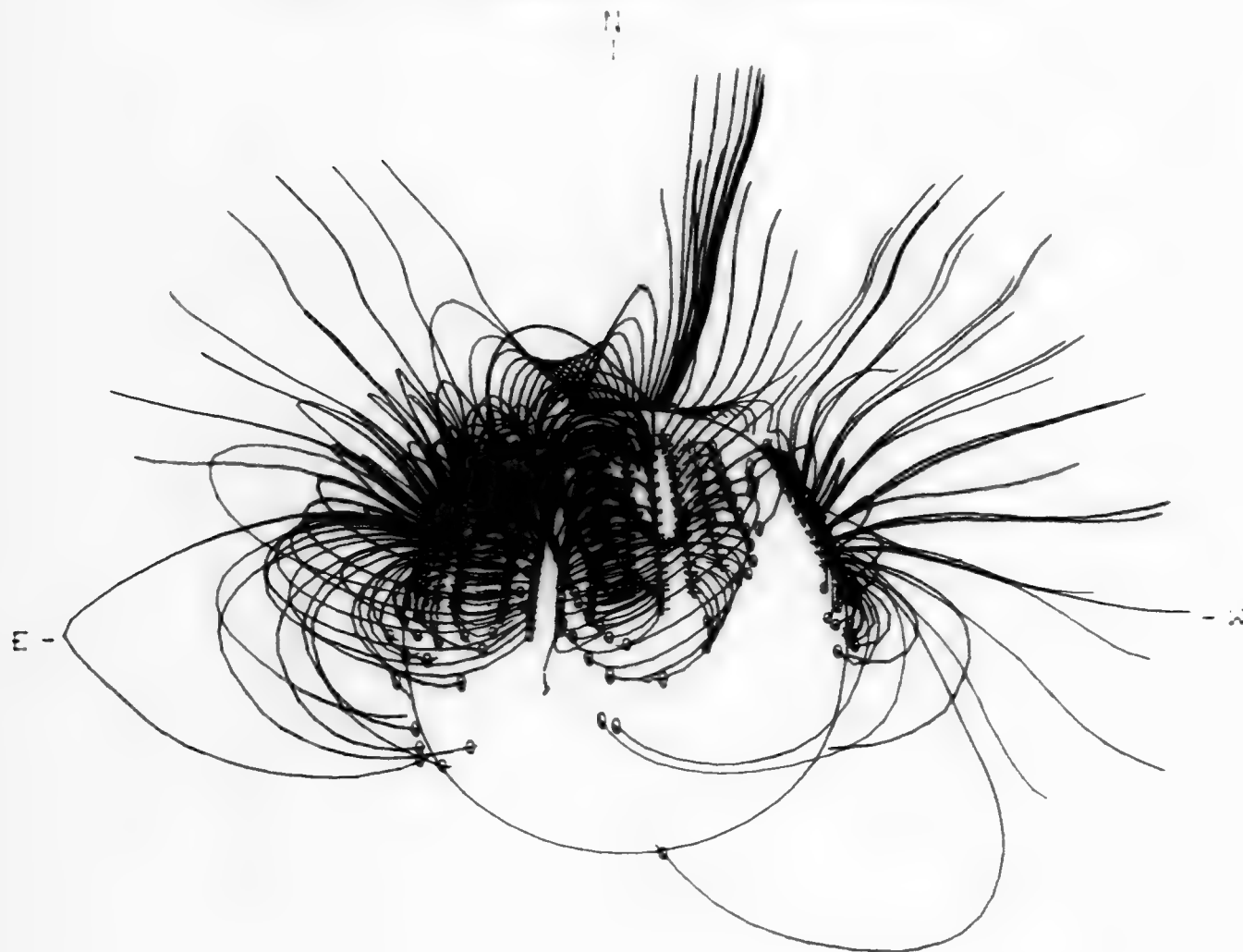
DATA ANGLE 1511.00

1
S

RUT. 1511 1113.150°

25.0 100 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

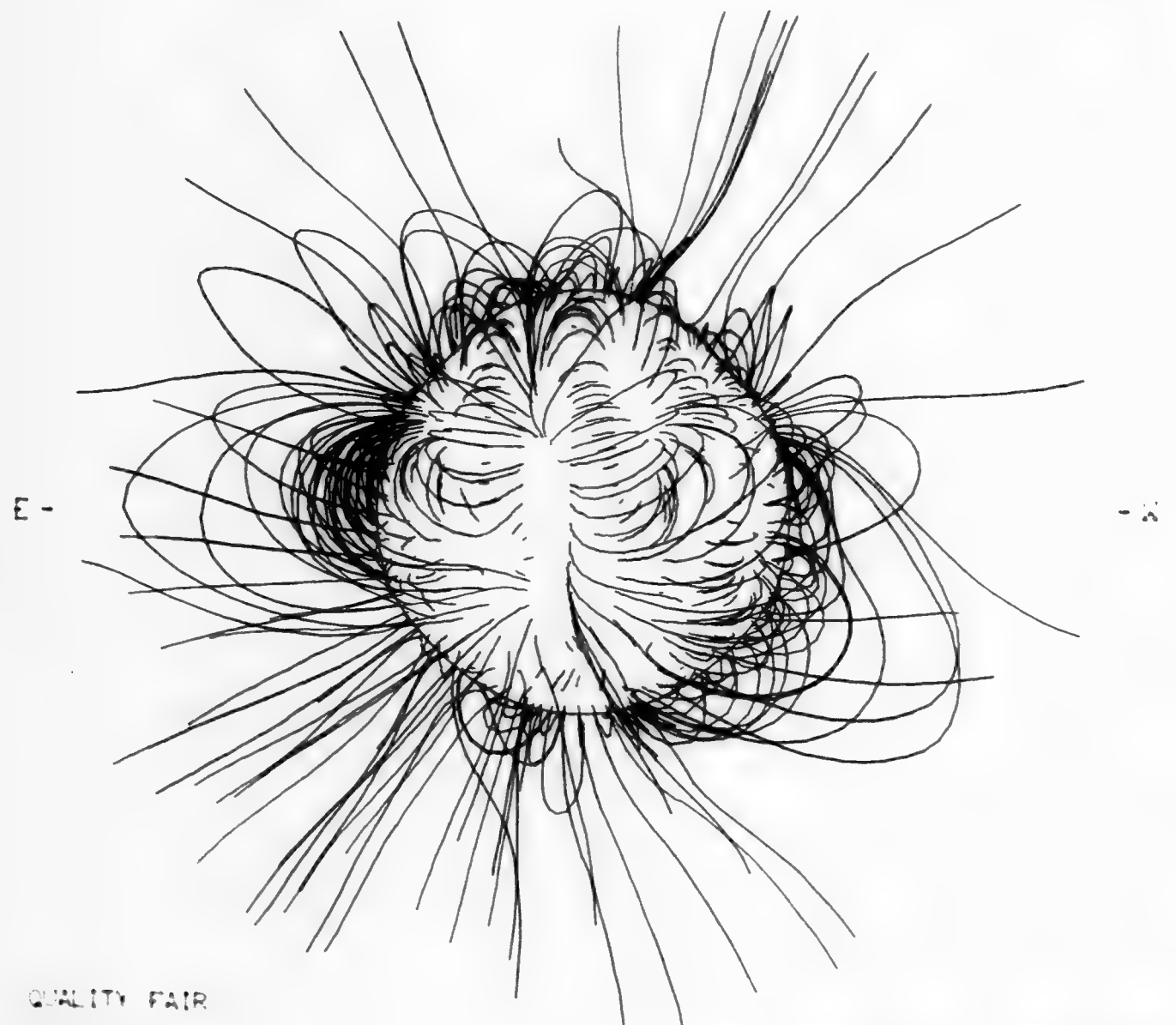
POLES AVERAGED

DATA WINDOW 1511.00

1
S

ROT. 15.11 LONG. 101.0°
23.0 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

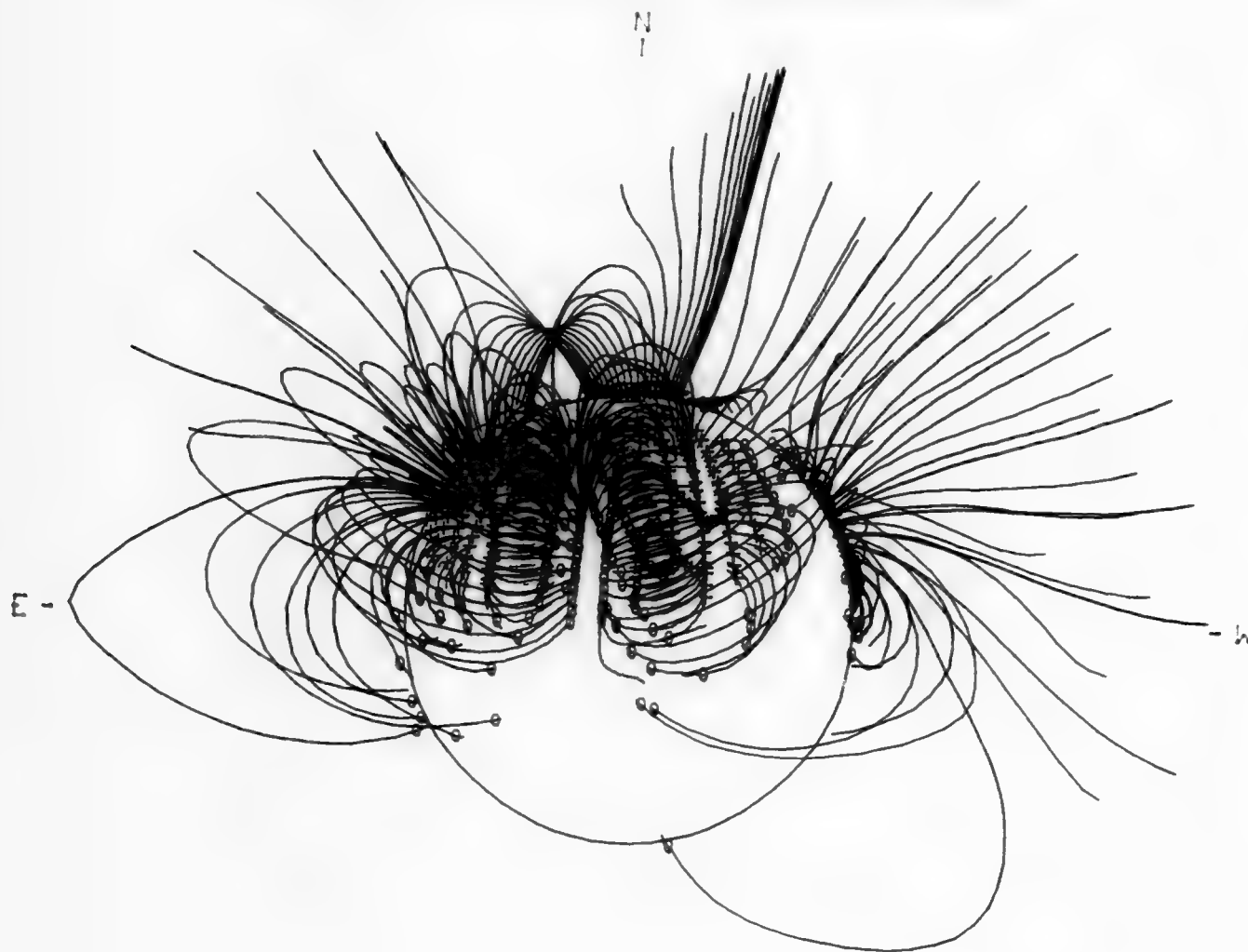
DATA WINDOW 1511.00

S

RET. 1511 2016.251°

23.8 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

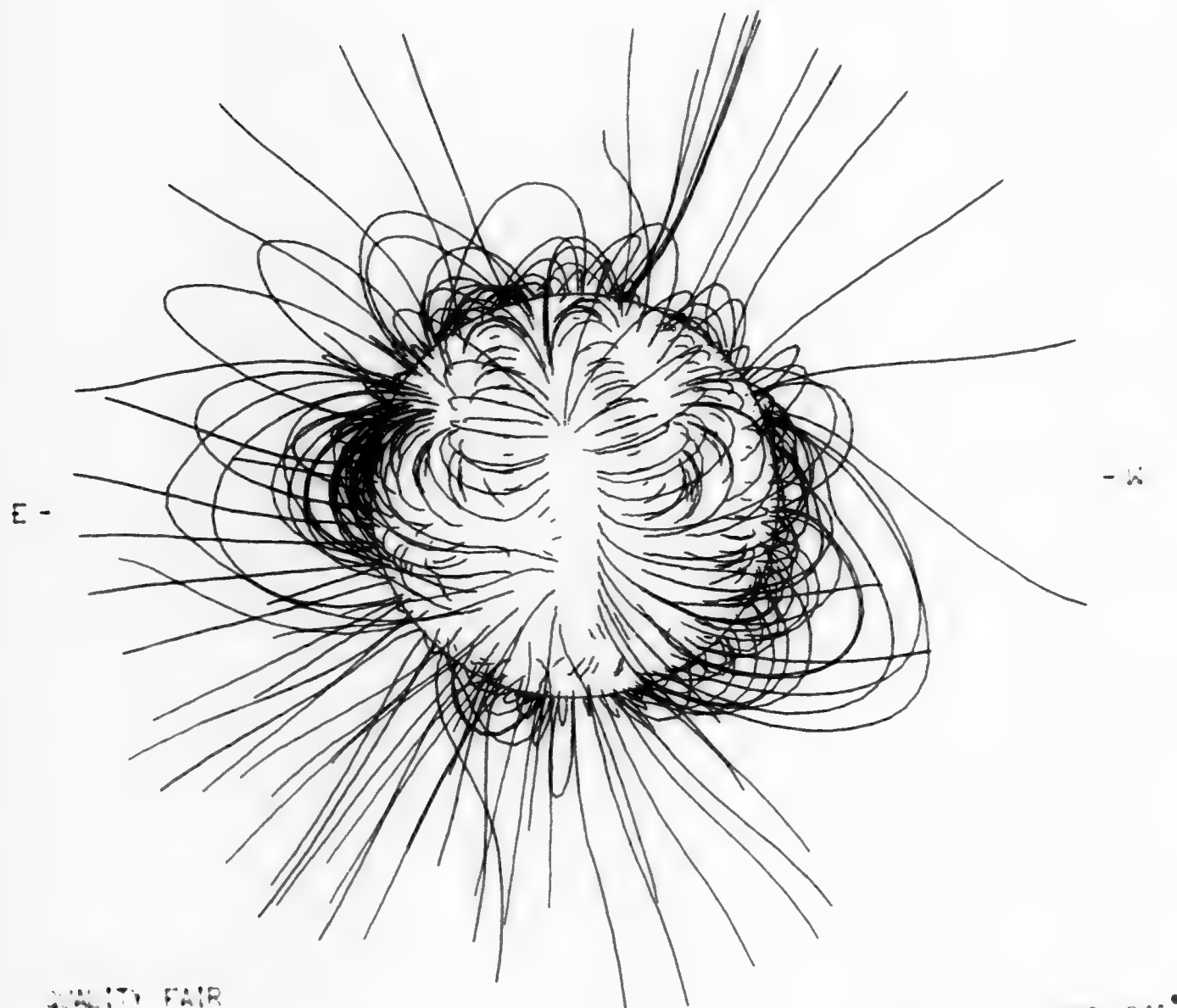
DATA WINDOW 1511.00

I
S

ROT. 151° LONG. 250°

23.8 AUG 1965

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

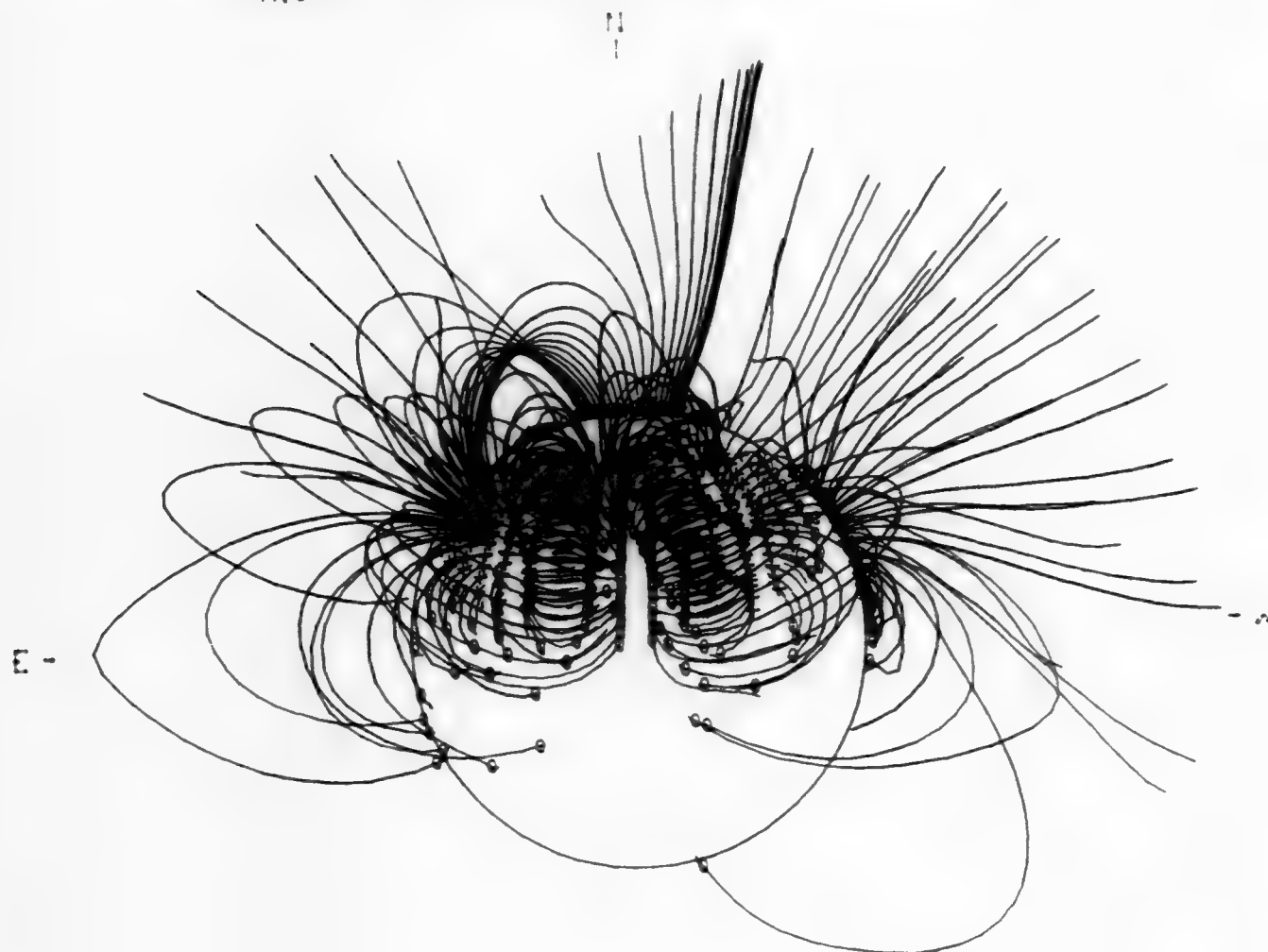
DATA WINDOW 1511.00

1
S

ROT. 151° LONG. 241°

24.5 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

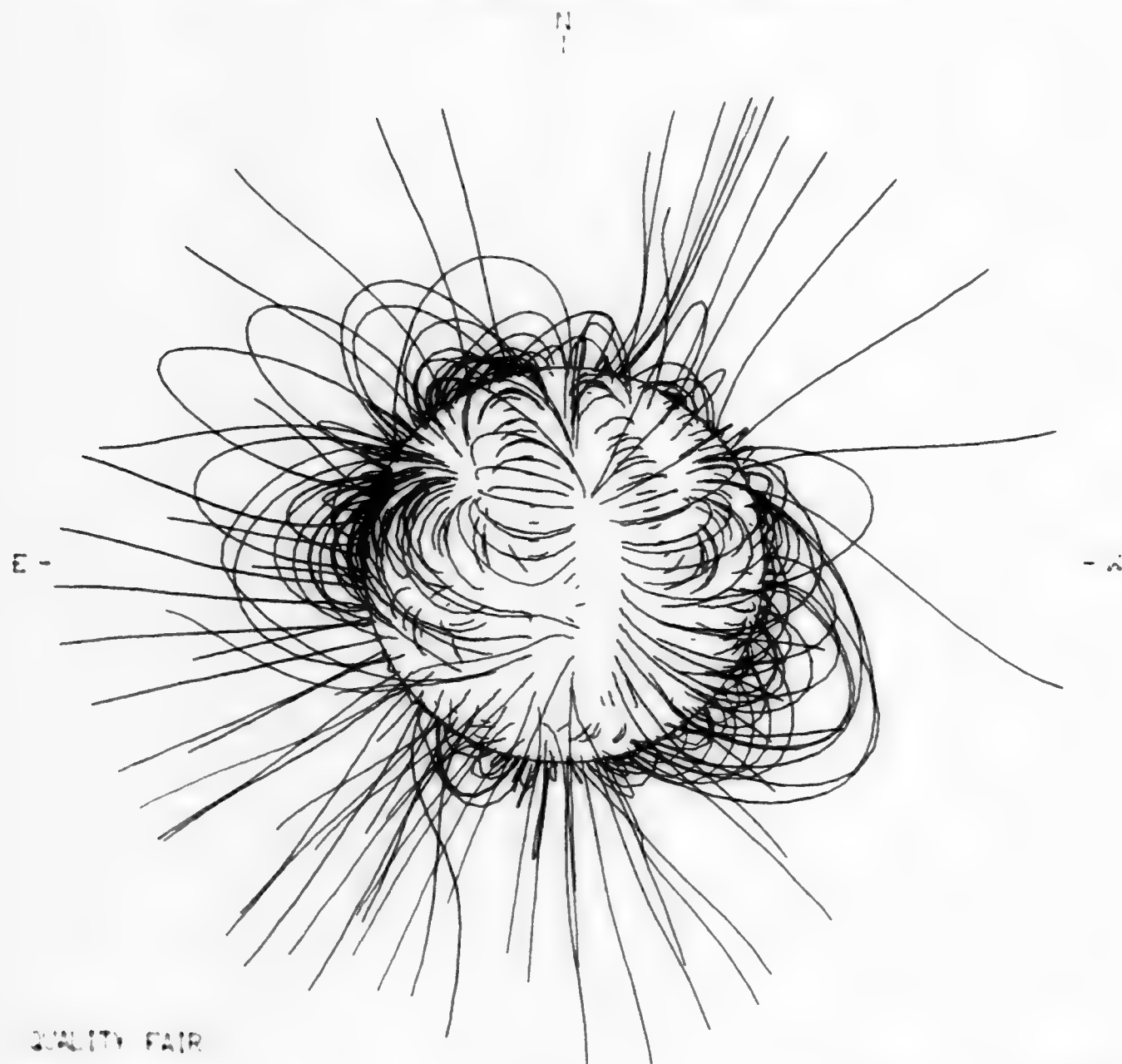
PILES AVERAGED

DATA WINDOW 1511.00

1
S

RJT. 1511 1110. 241°
24.5 213 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

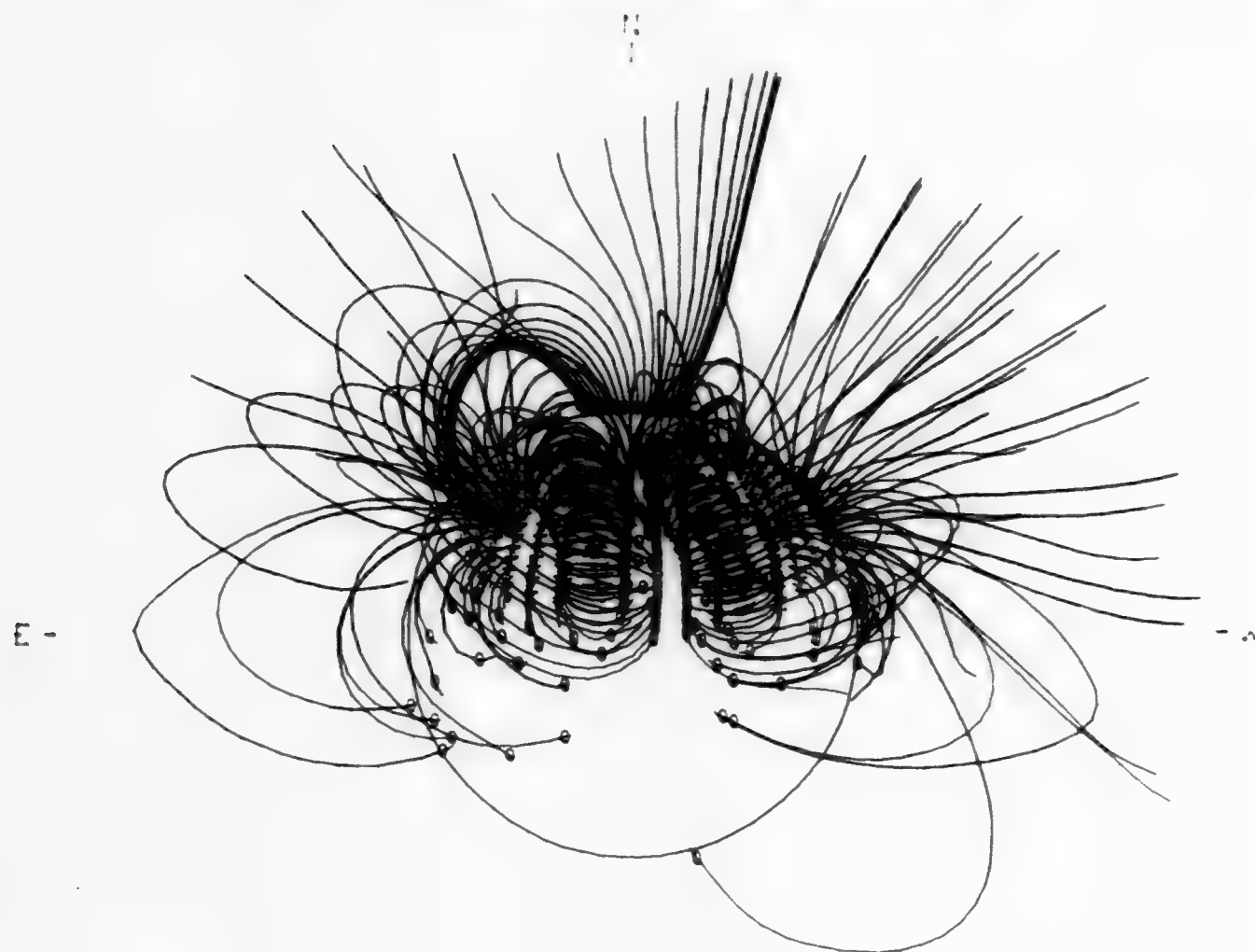
DATA WINDOW 1511.00

S

RUT. 1511 LONG. 250°

25.3 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1511.00

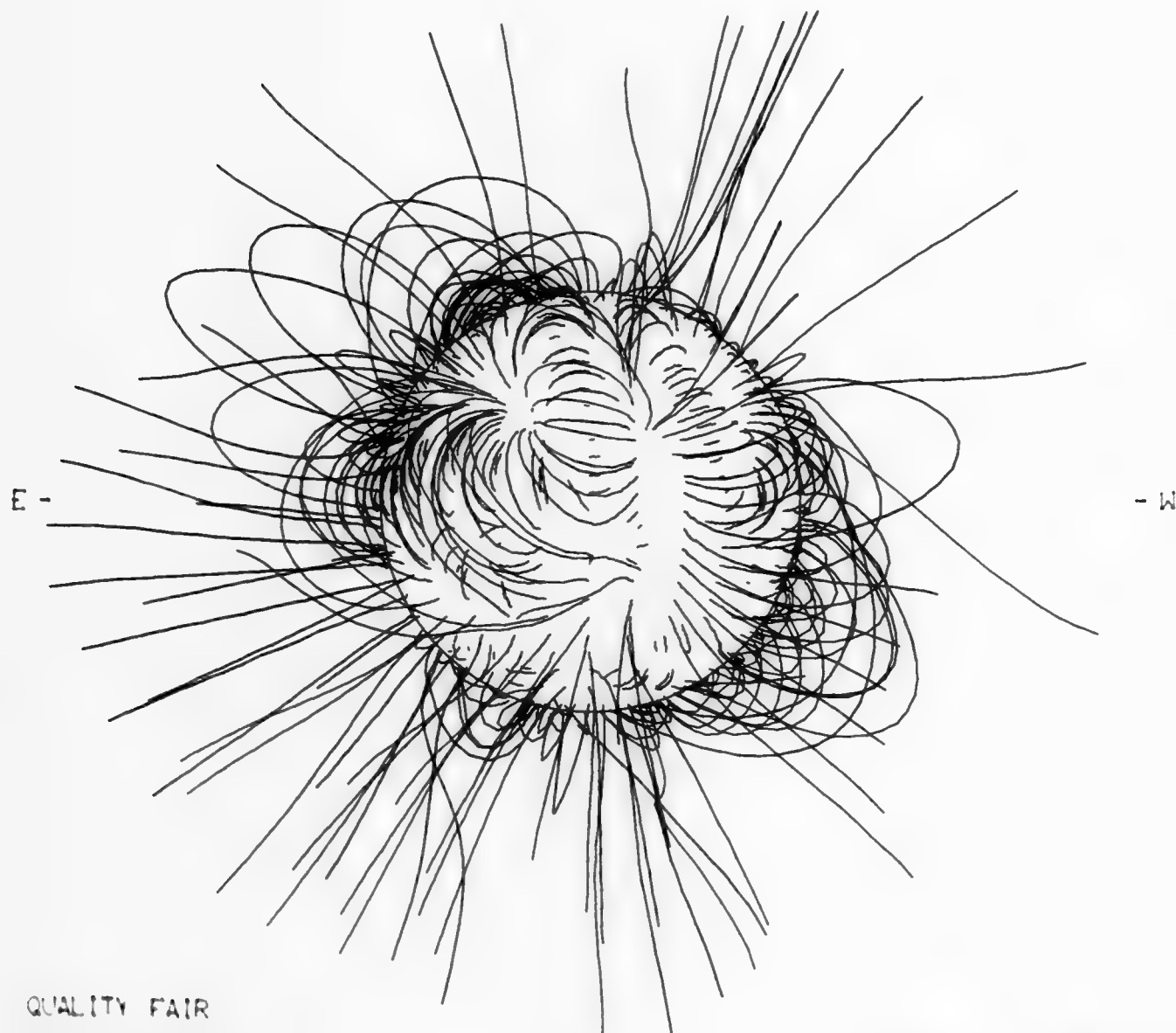
S

RUT. 1511 1511.00

25.3 1511 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
|



QUALITY FAIR

POLES AVERAGED

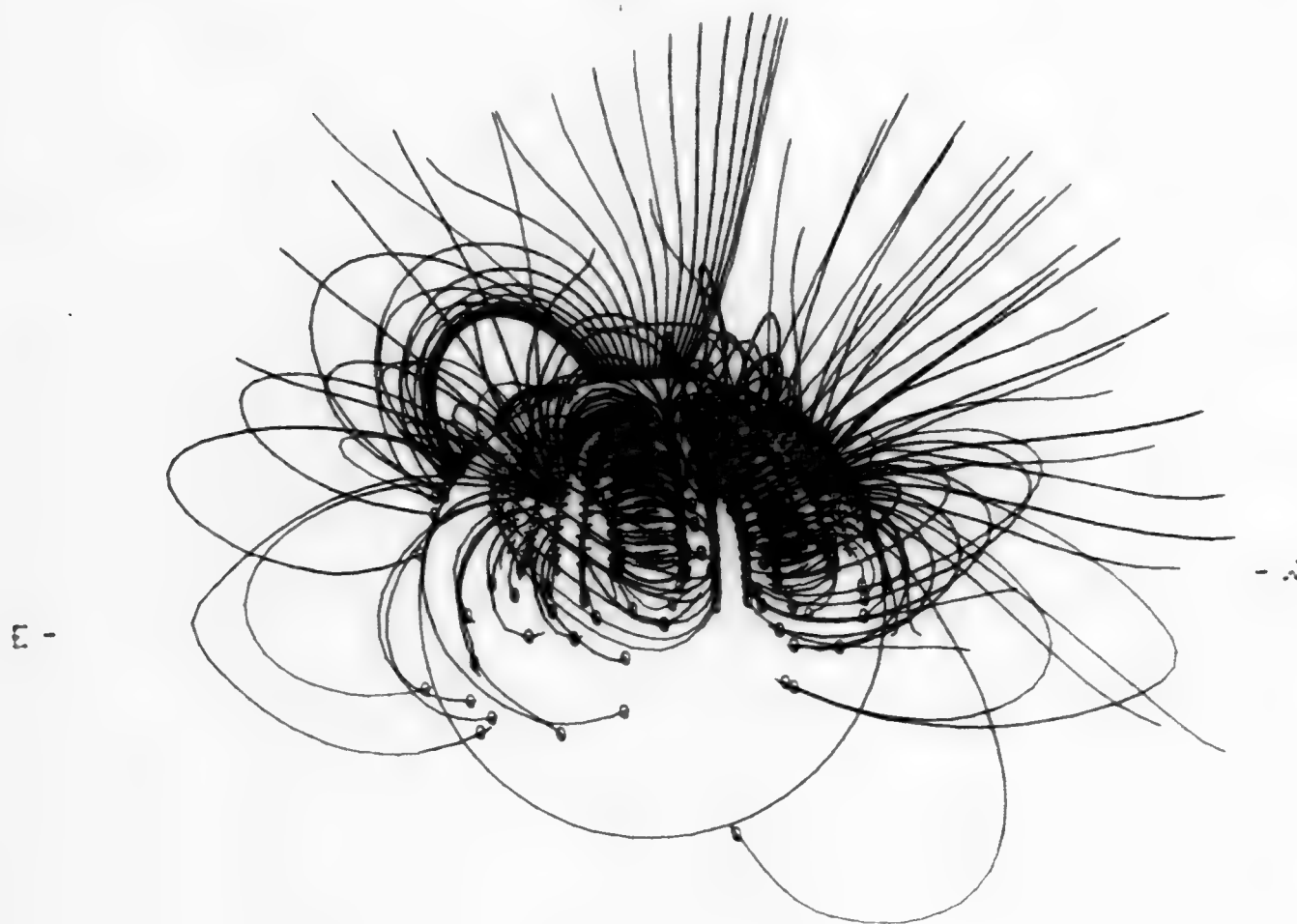
DATA WINDOW 1511.00

|
S

ROT. 1511 LONG. 220°

26.0 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

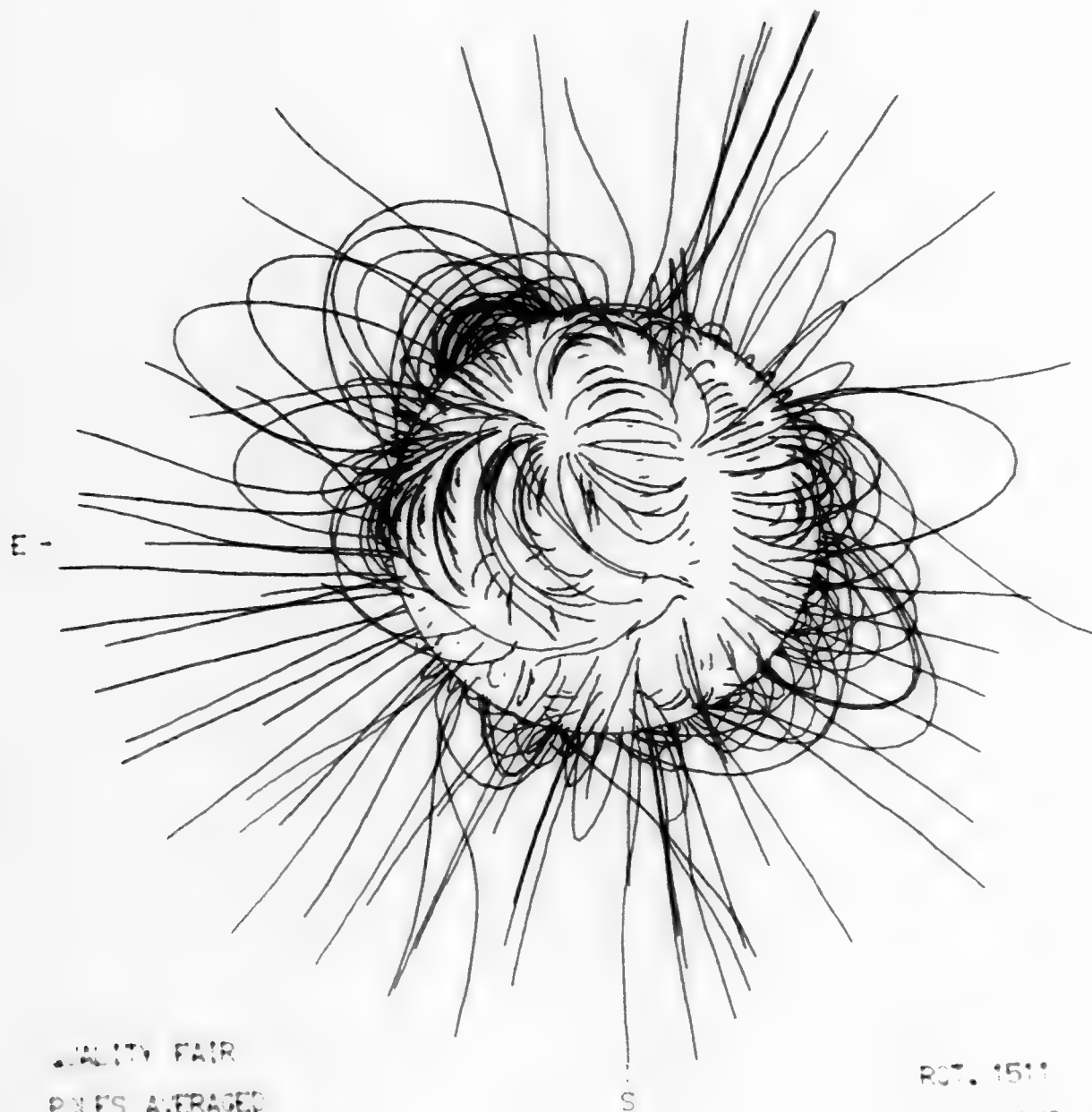


QUALITY FAIR
POLES AVERAGED
DATA WITHIN 1511.00

S

ROT. 1511 LONG. 121°
25.0 2.1 1990

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1511.00

ROT. 1511 LONG. 211°
26.8 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

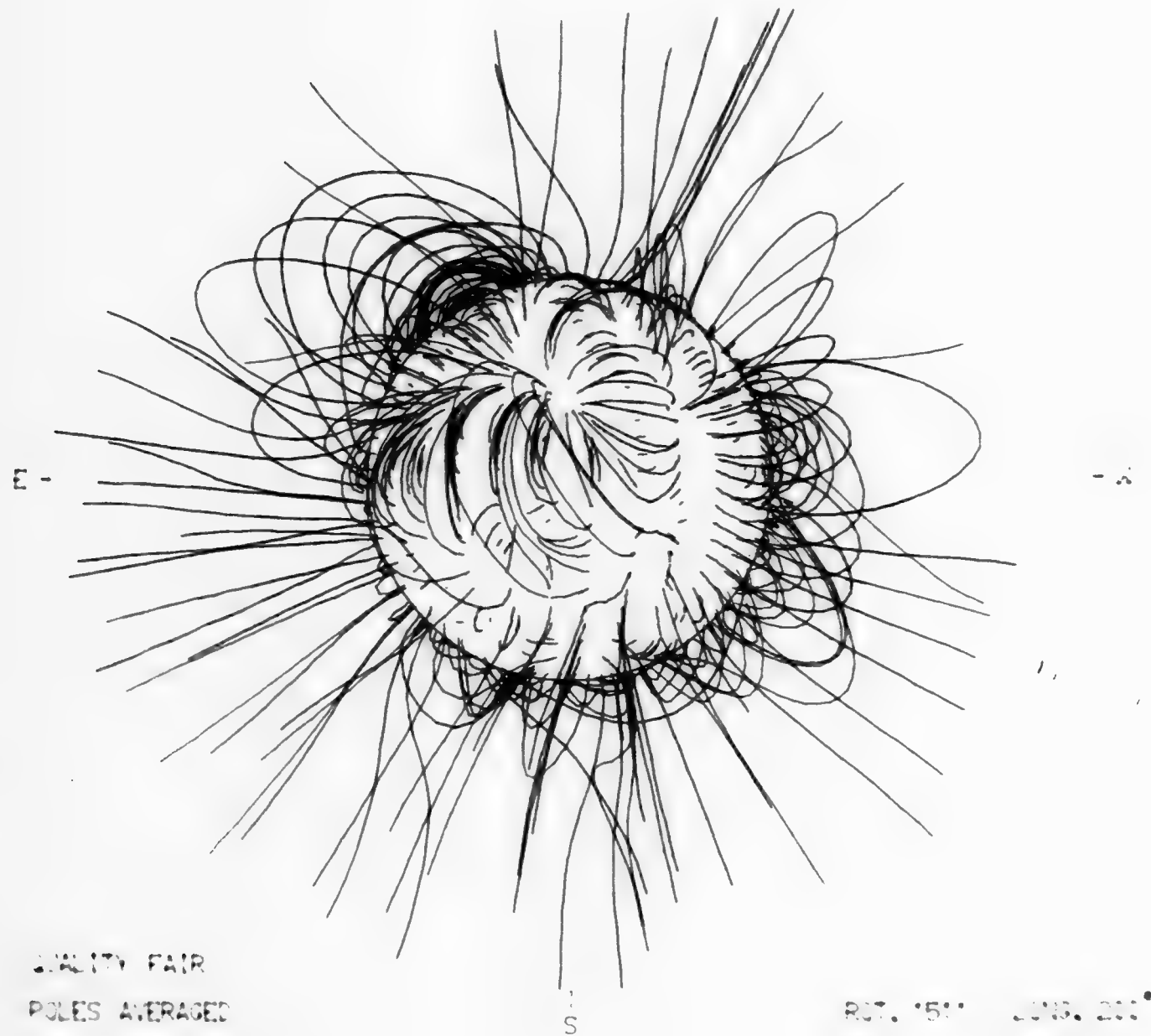
POLES AVERAGED

DATA WINDOW 1511.00

1
S

ROT. 1511 LONG. 210°
26.8 AUG 1965

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



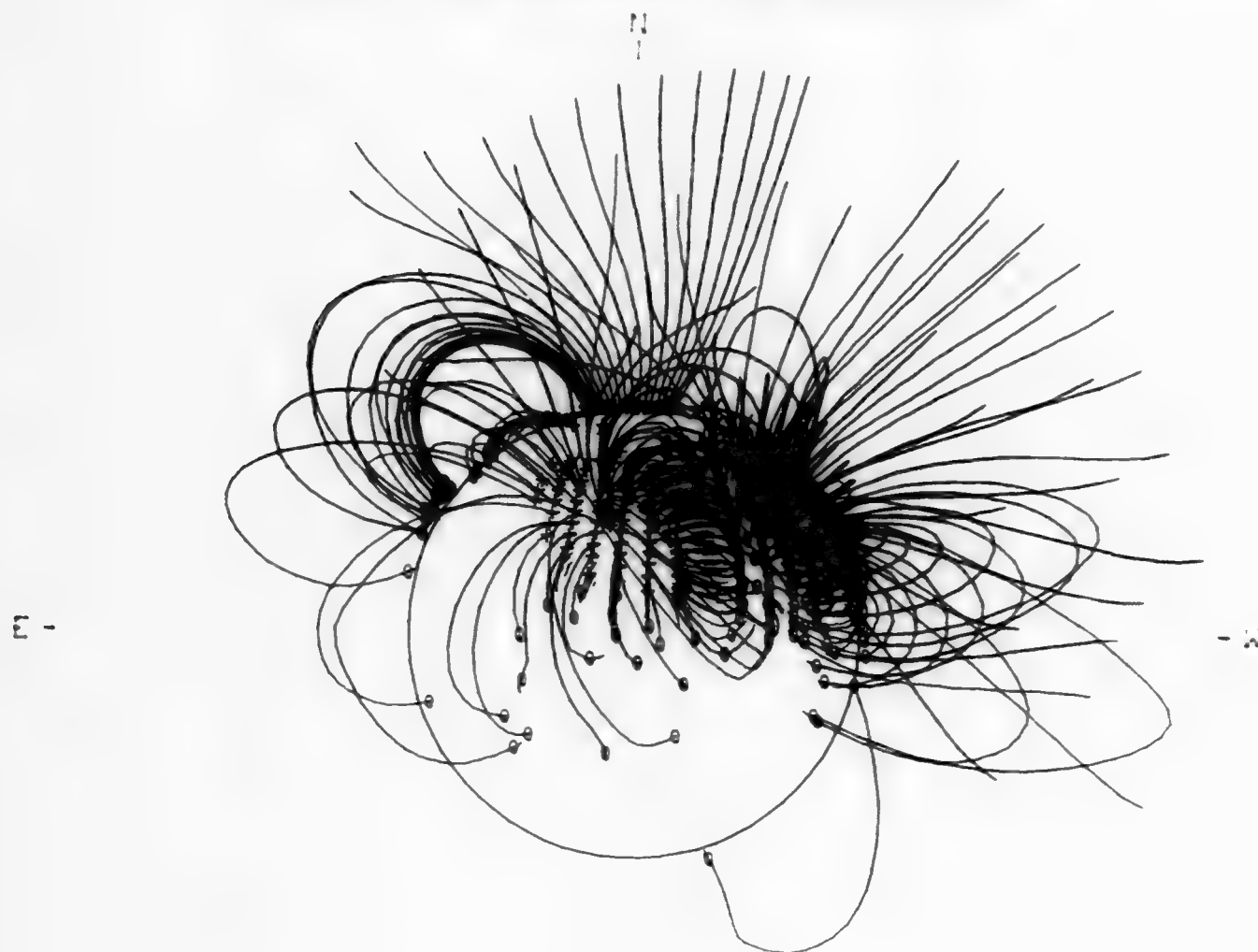
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1511.00

ROT. '51' LONG. 201°
27.5 203 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

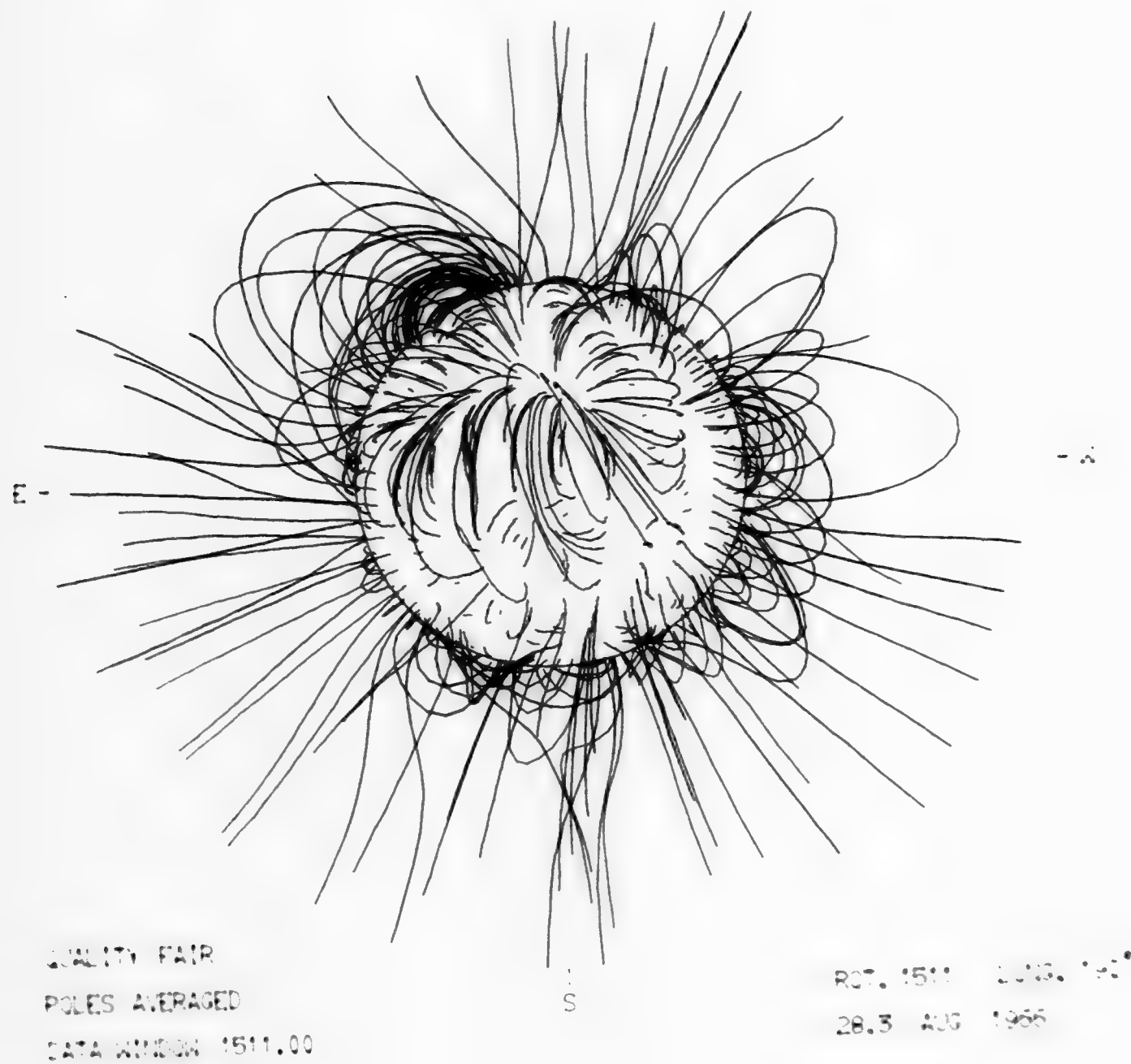
DATA WINDOW 1511.00

S

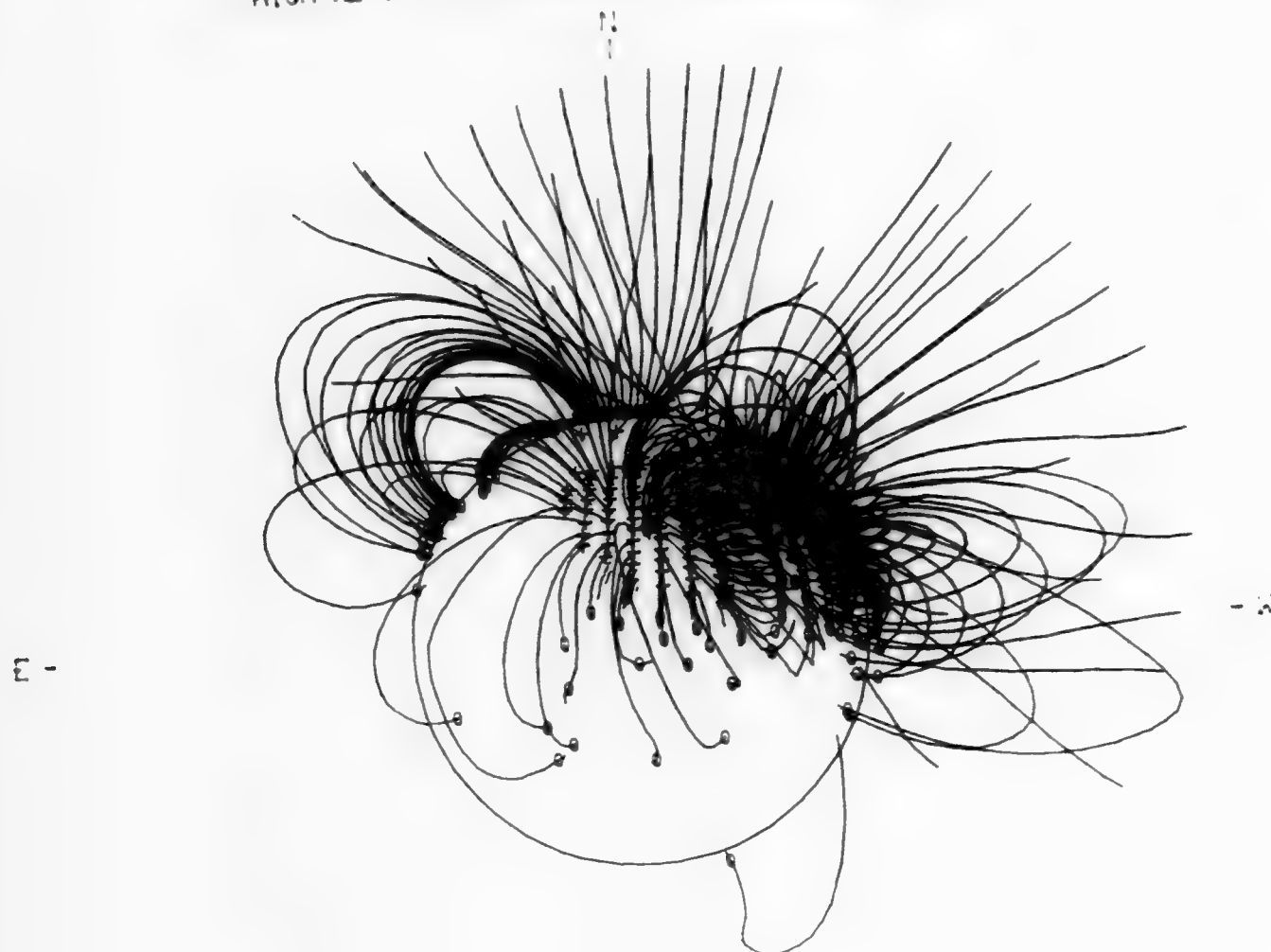
ROT. 15.1 200.200

27.5 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

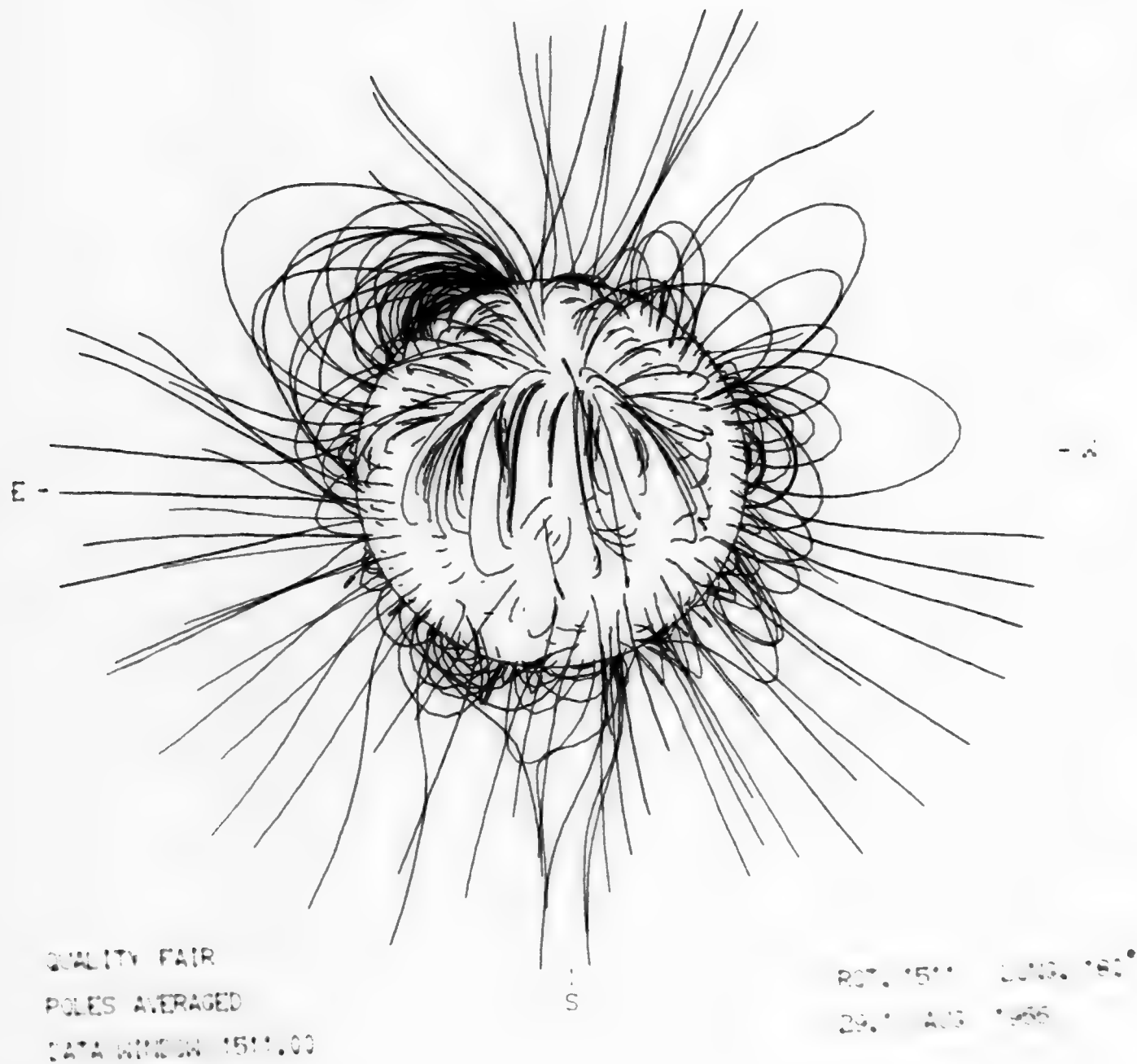


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1511.00

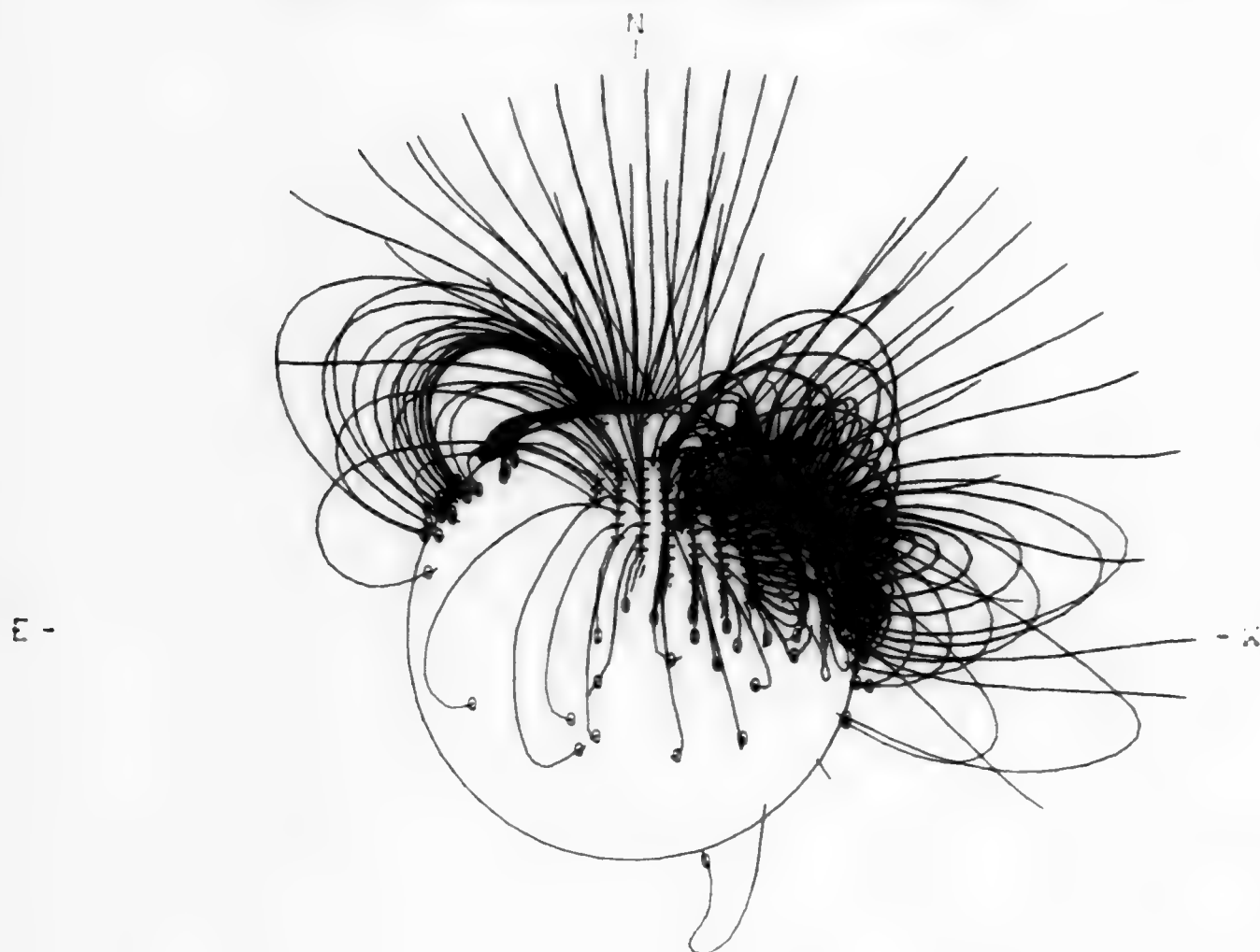
1
S

ROT. 1511 LONG. 1511
28.3 1511 1511

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

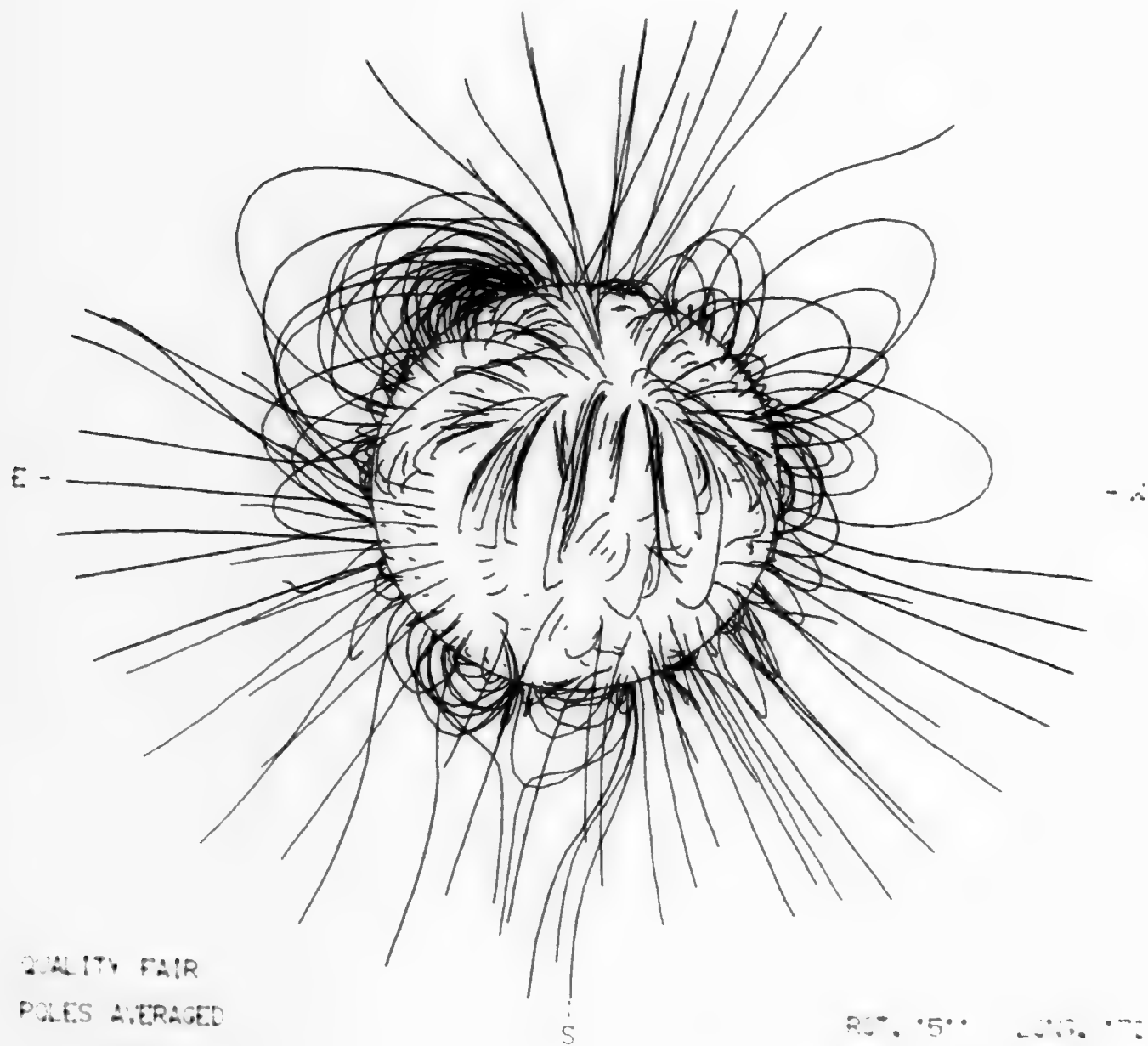
DATA WINDOW 1511.00

S

R.L. '51' LONG. '81'

29.1 2.13 1955

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

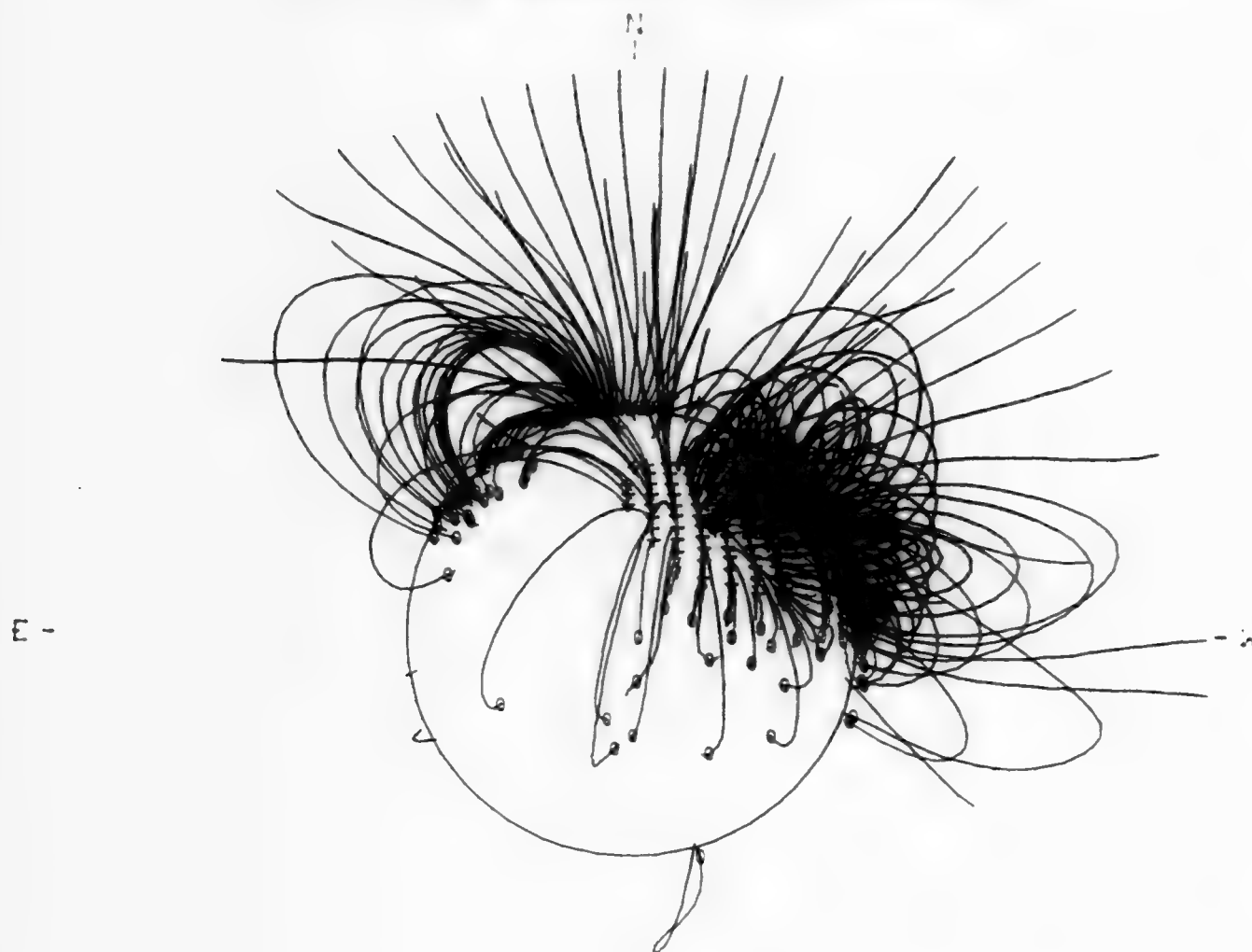
POLES AVERAGED

DATA WINDOW 1511.00

ROT. 15.1 2010. 171.0

29.8 AUG 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

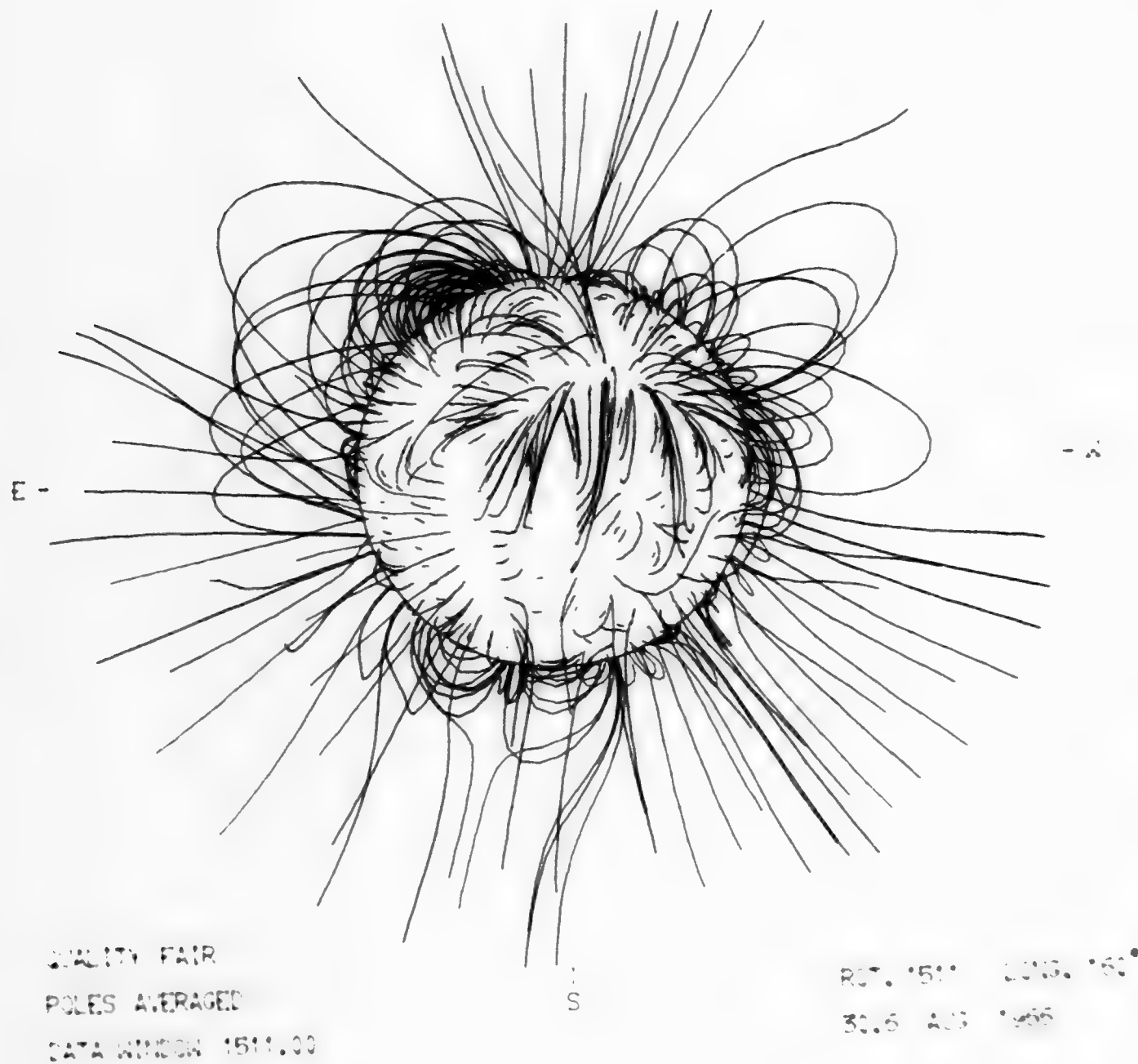
DATA WINDOW 1511.00

1
S

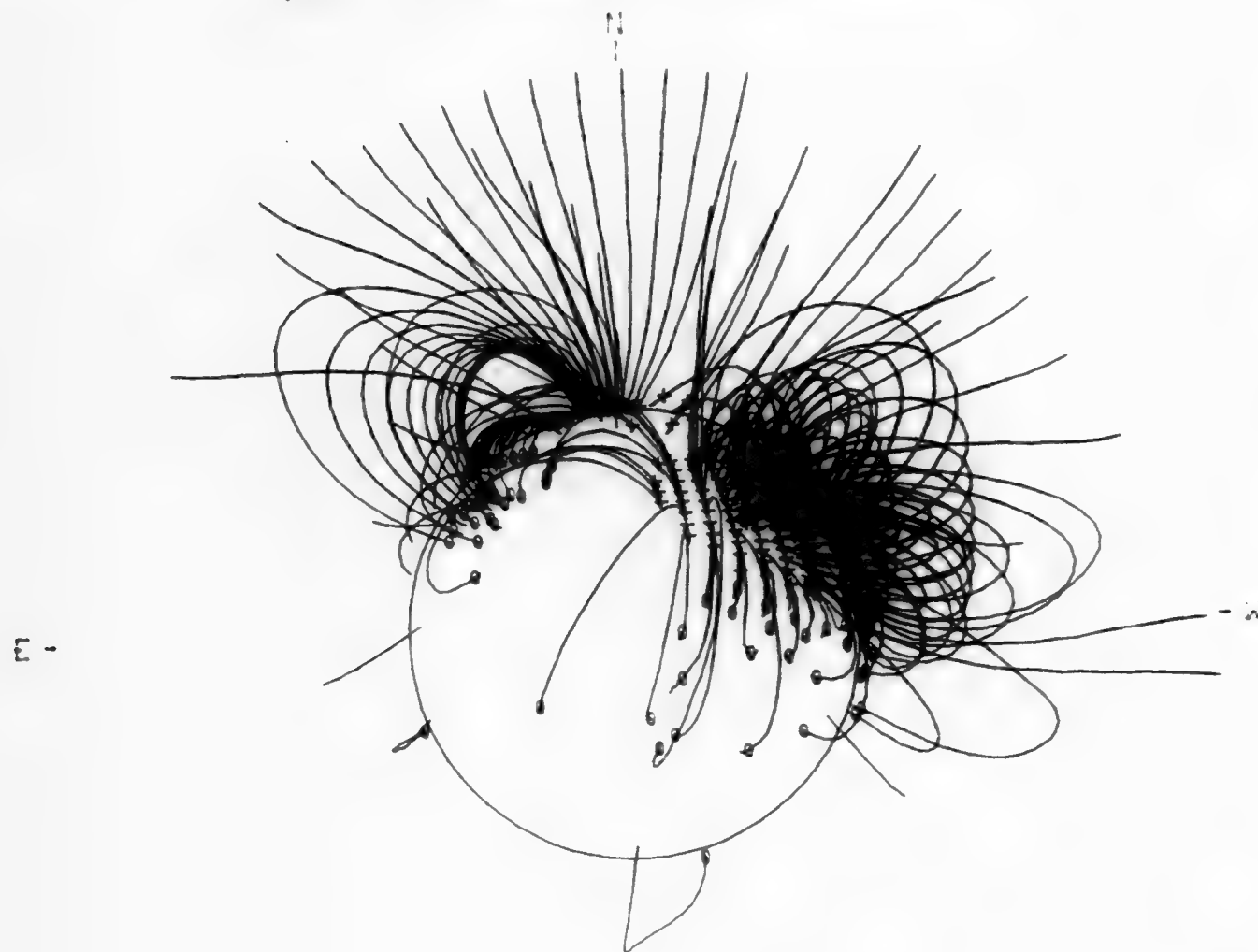
ROT. 1511 LONG. 171°

29.8 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

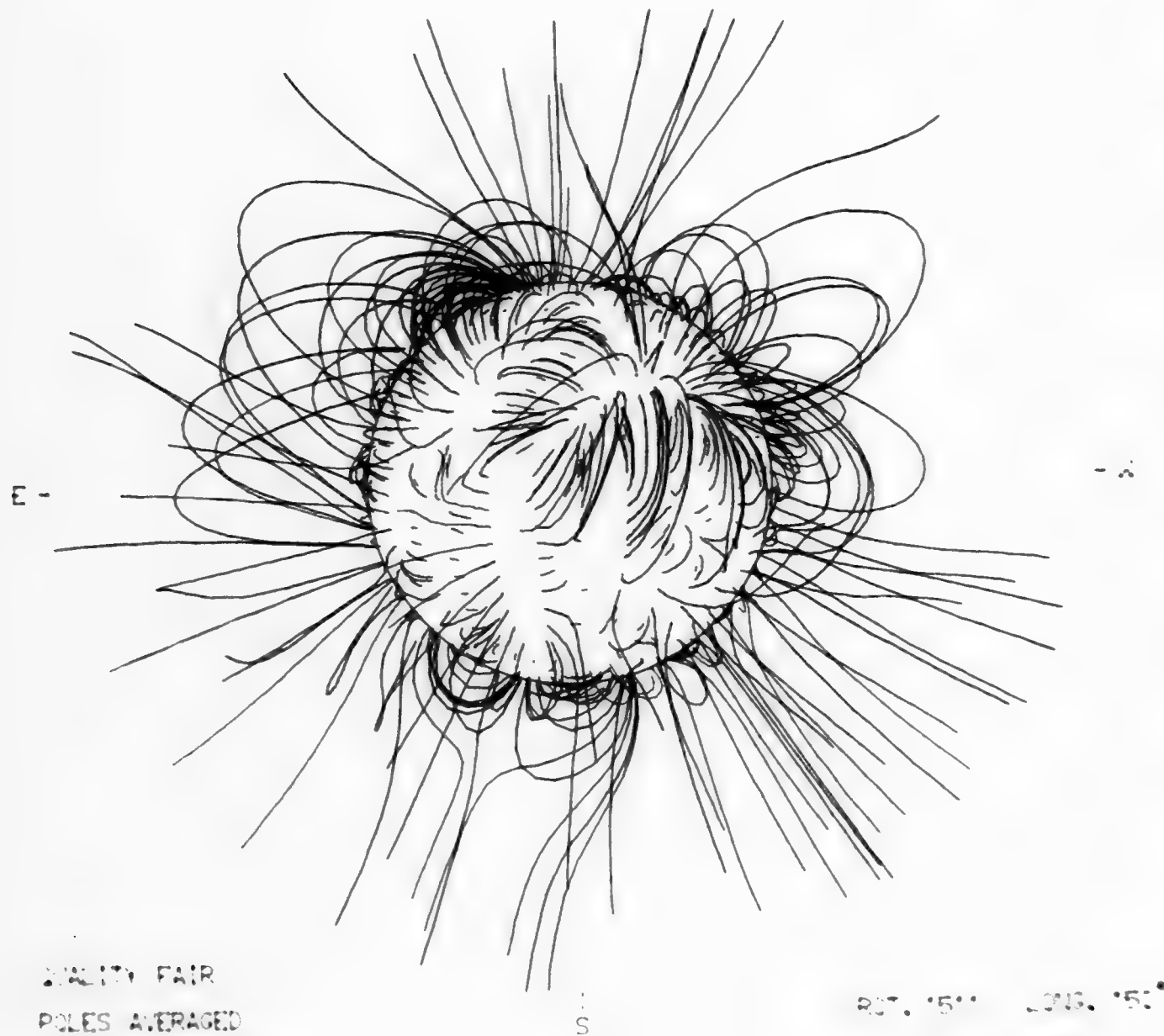


QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1511.00

S

ROT. 1511 2013. 1511
 30.6 100 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

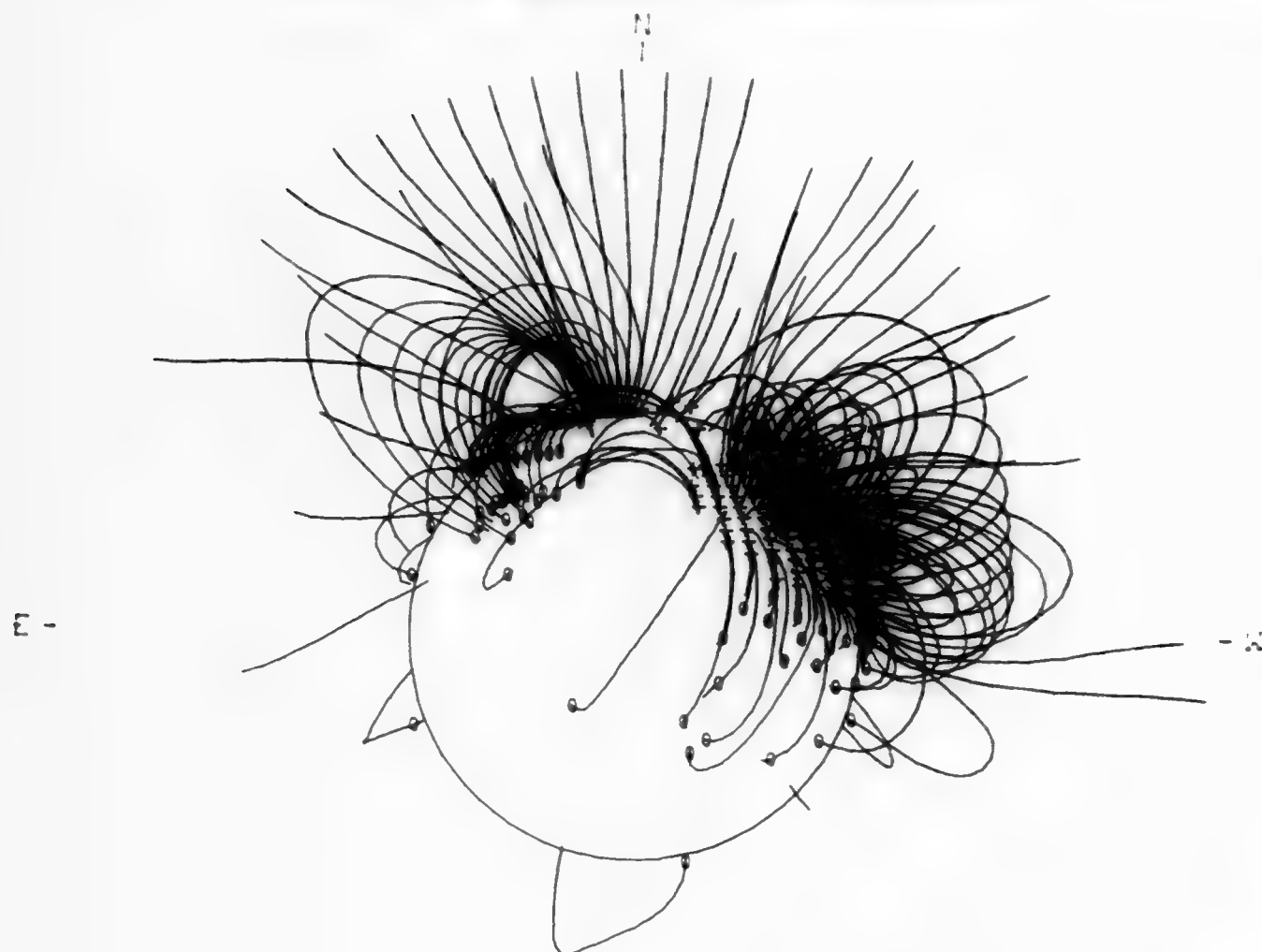
POLES AVERAGED

DATA WINDOW 1511.00

ROT. 15.11 LONG. 15.11

3.3 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1511.00

S

ROT. 15.1 2013. 15.1

31.3 AUG 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
!

E -



QUALITY FAIR

POLES AVERAGED

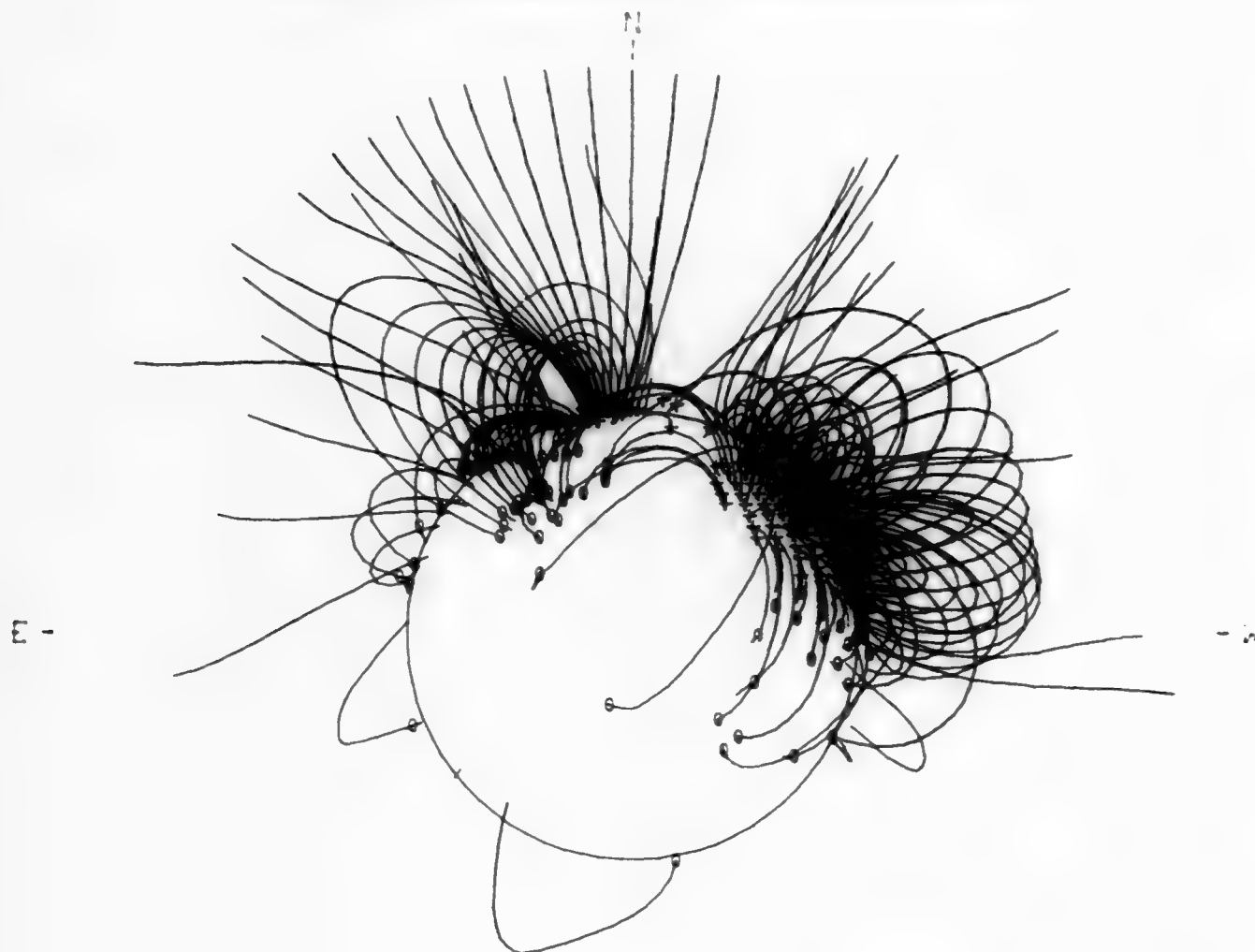
DATA WINDOW 1511.00

!
S

ROT. 1511 LONG. 141°

1.1 SEP 1965

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1511.00

1
S

ROT. 1511 LONG. 141°

1.1 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1511.00

ROT. 15° LONG. 15°
1.2 SEP 1996

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

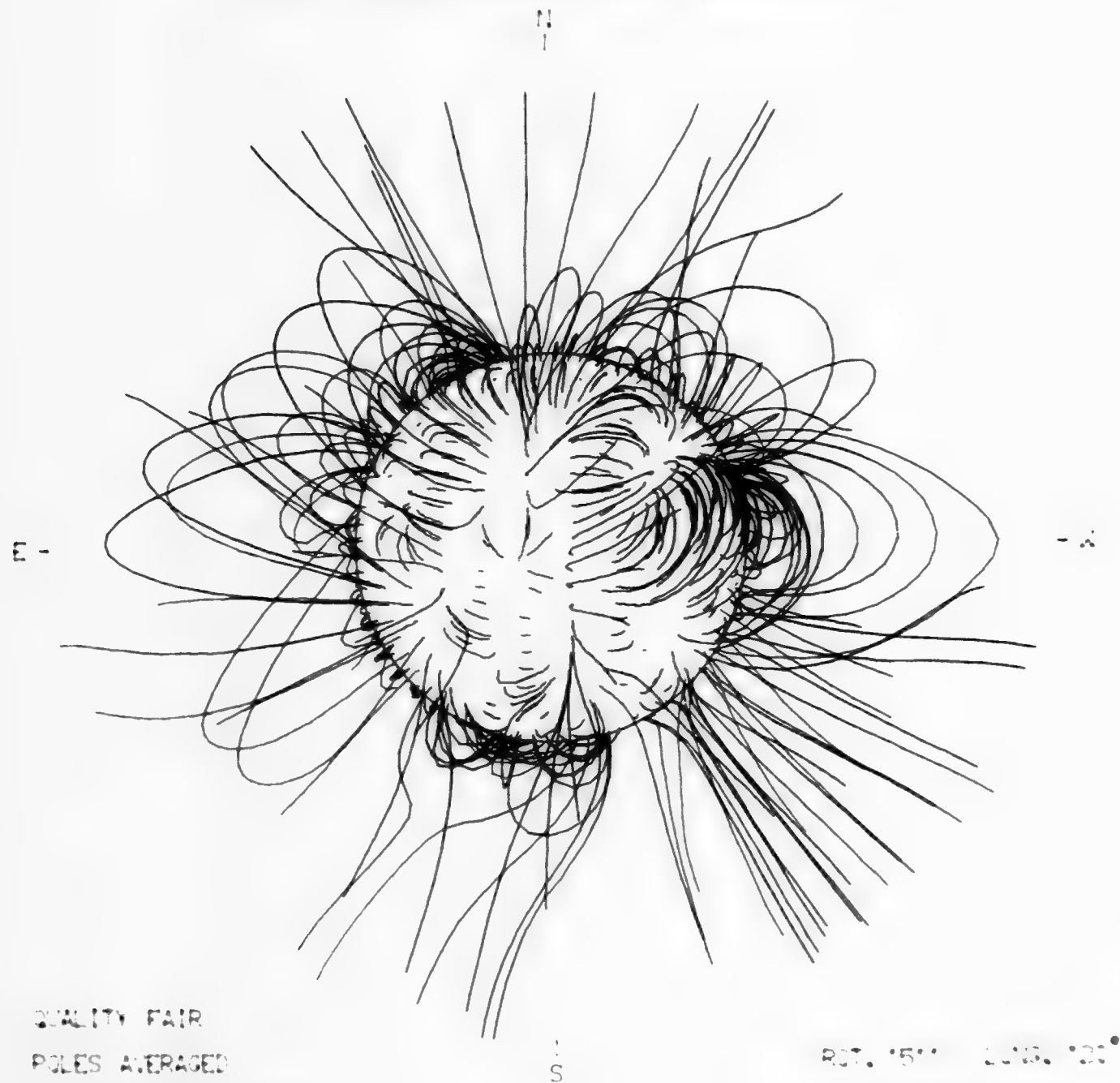
DATA WINDOW 1511.00

S

RUT. 1511 LONG. 1511

1.9 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

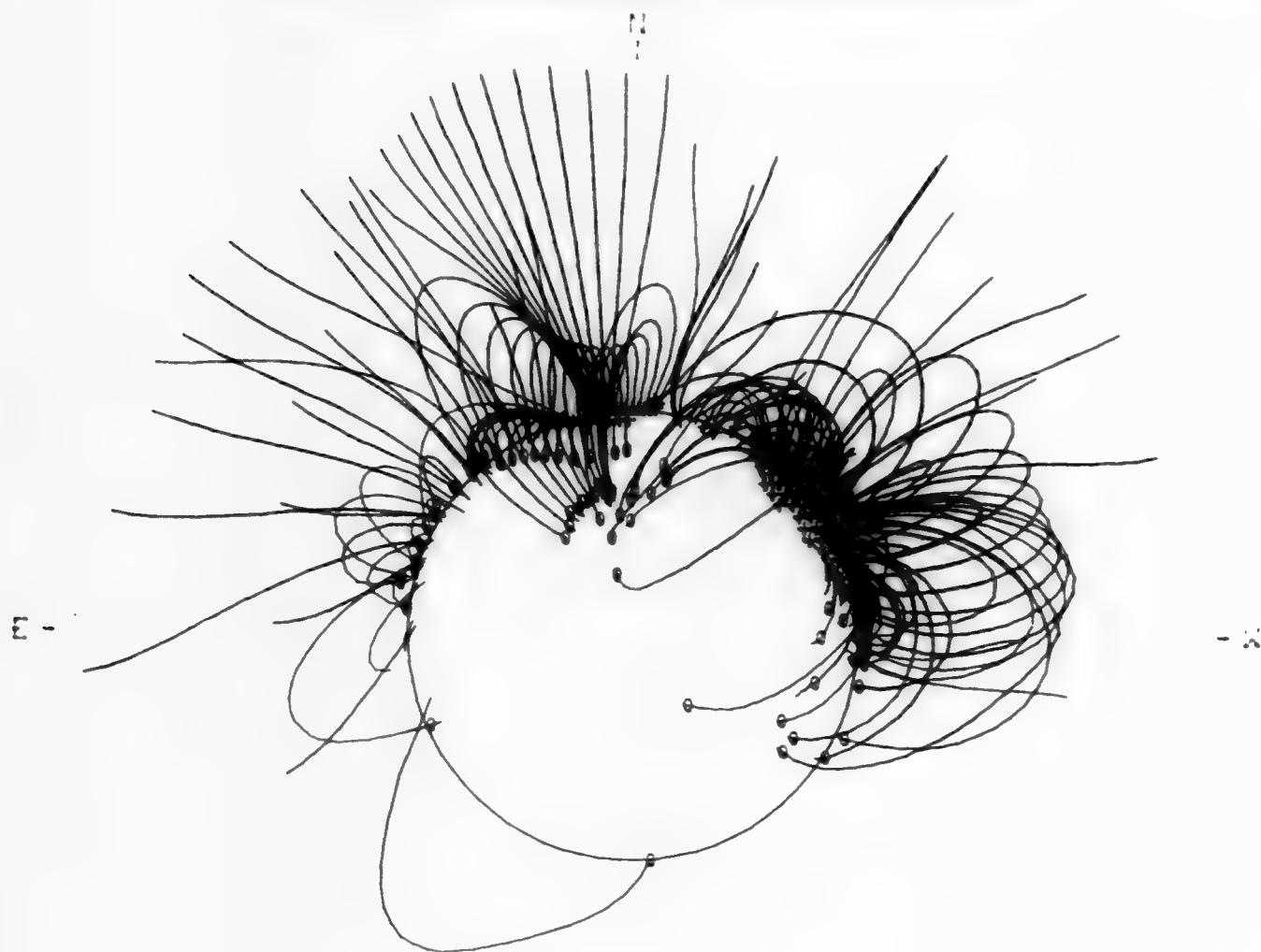
POLES AVERAGED

DATA WINDOW 1511.00

ROT. '5" LWB. '20°

2.5 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

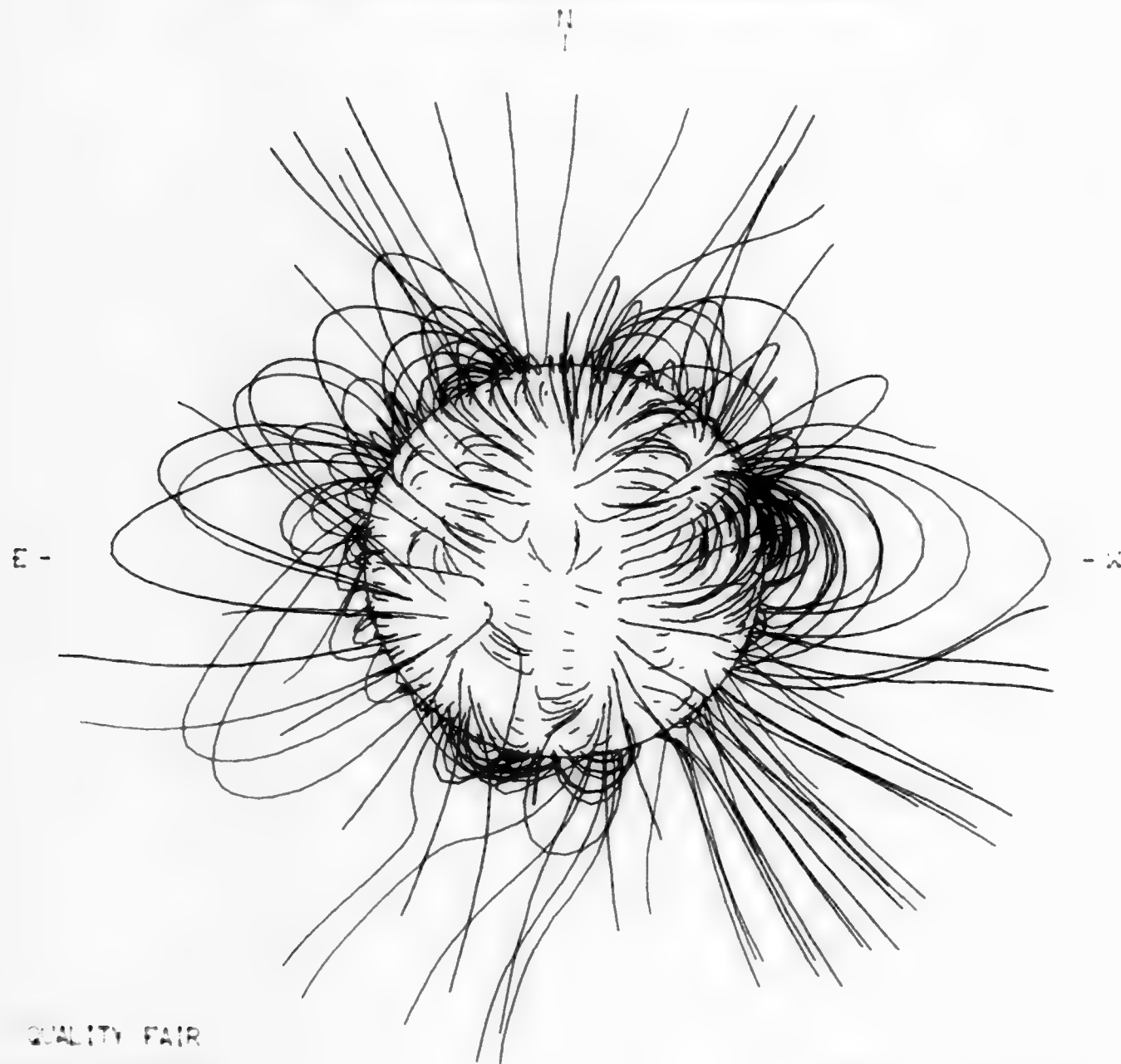
DATA WINDOW 1511.00

S

ROT. 15° LONG. 100°

2.4 SEP 1955

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

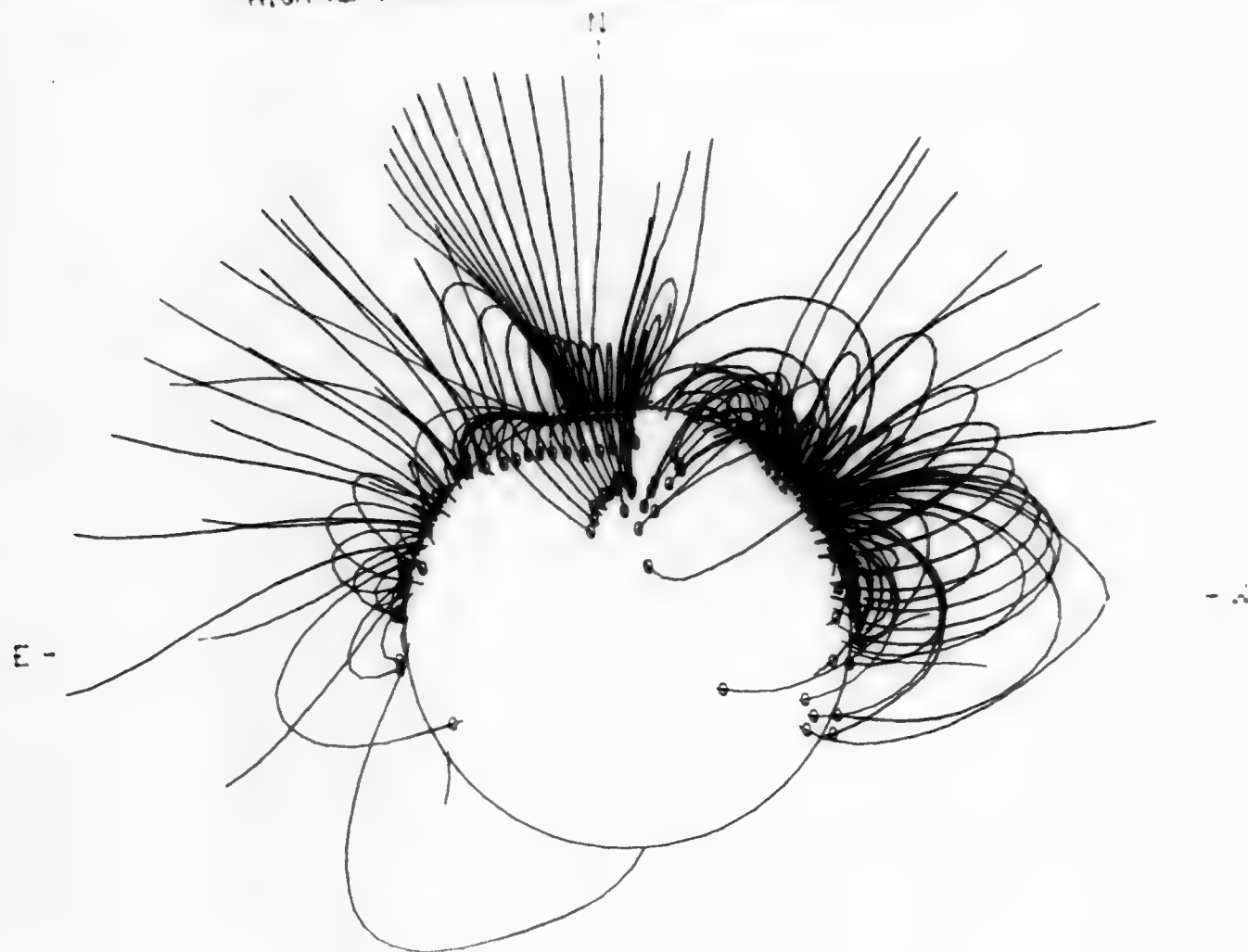
DATA WINDOW 1511.00

S

ROT. 1511 LONG. 111°

3.4 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

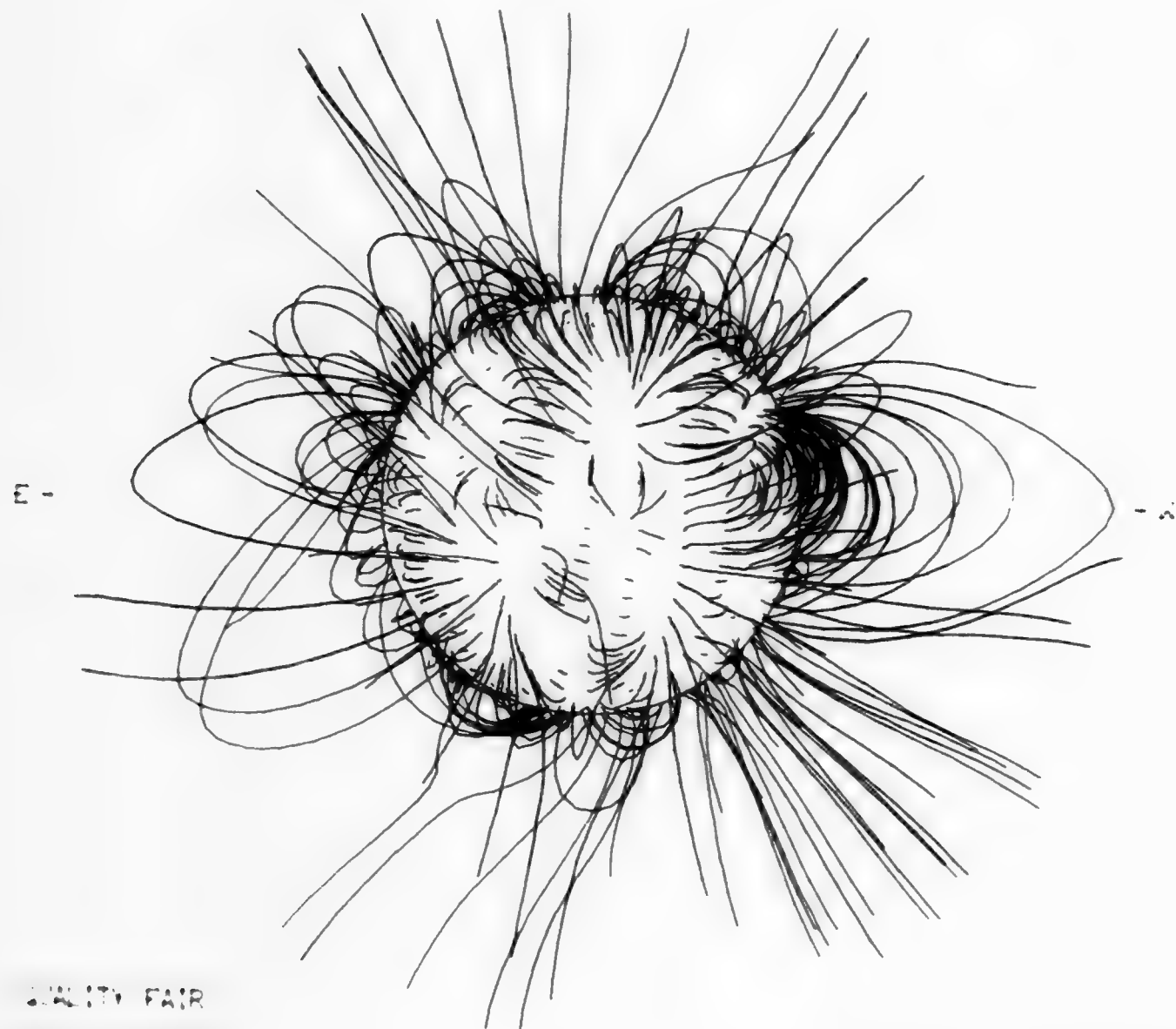


QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1511.00

S

REF. '51' LONG. '11'
 3.4 SEP 1955

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



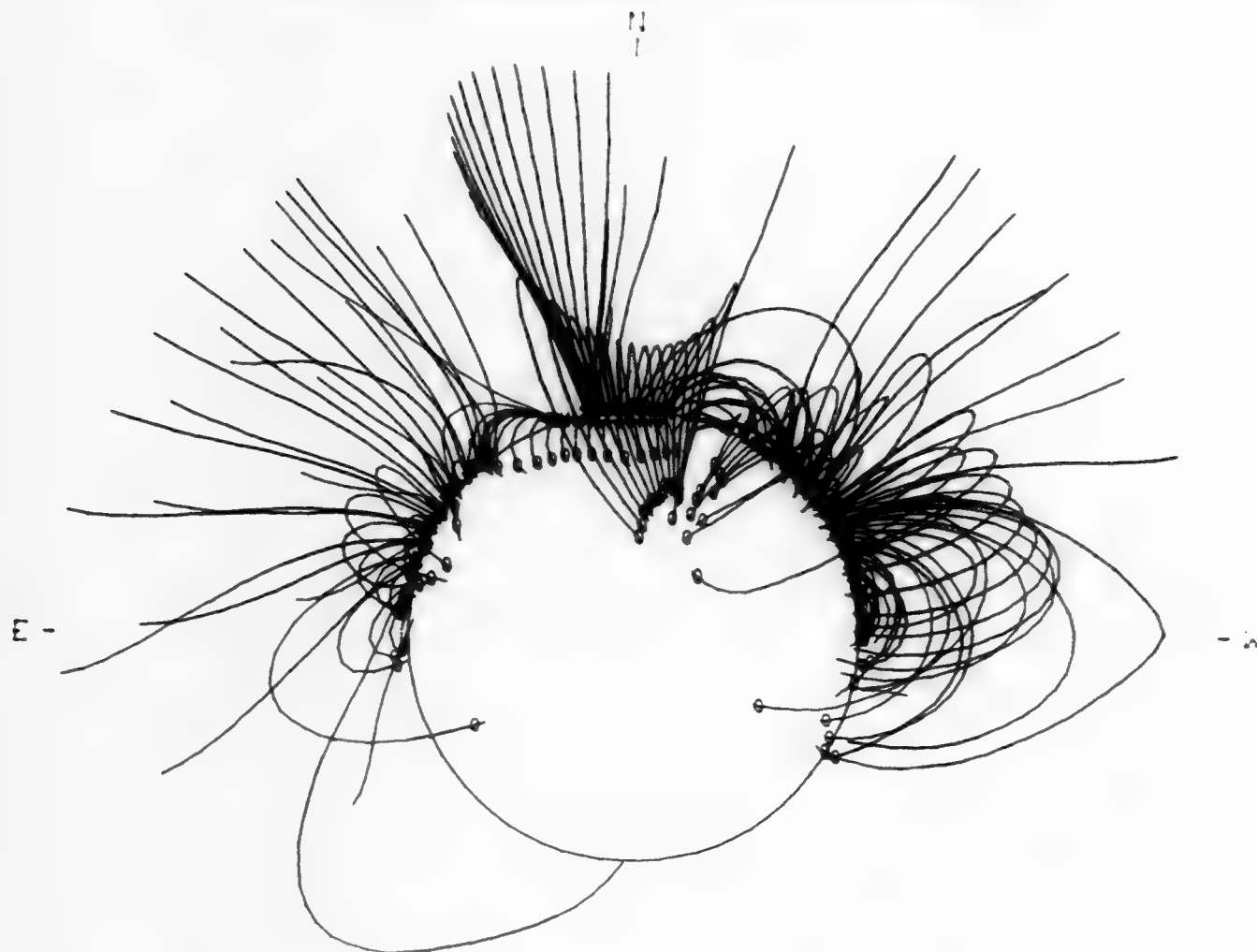
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1511.00

ROT. '51' LING. '00'
4.1 SEP 1985

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

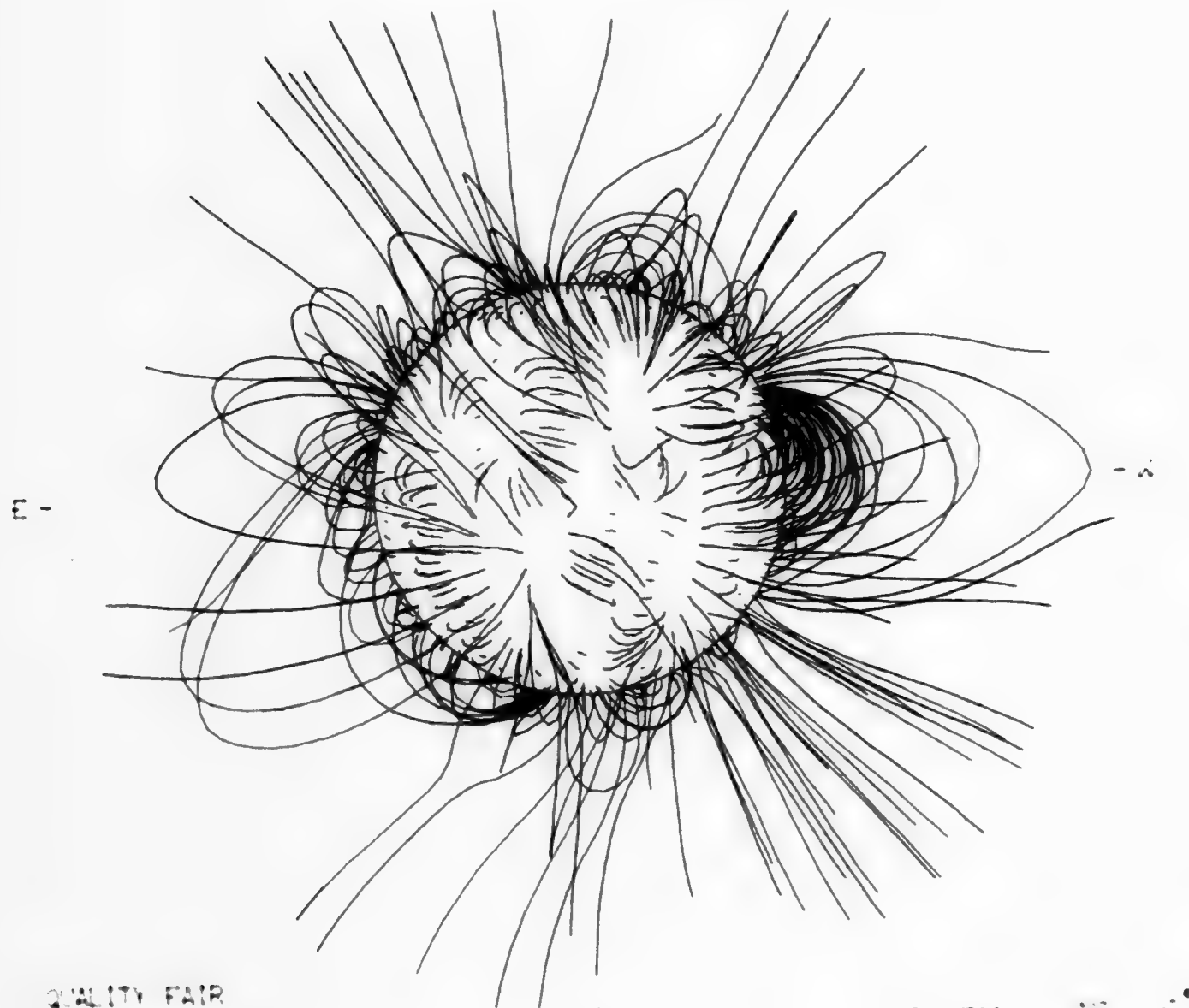
DATA WINDOW 1511.00

1
S

RET. 1511 1000. 1000

4.1 SEP 1966

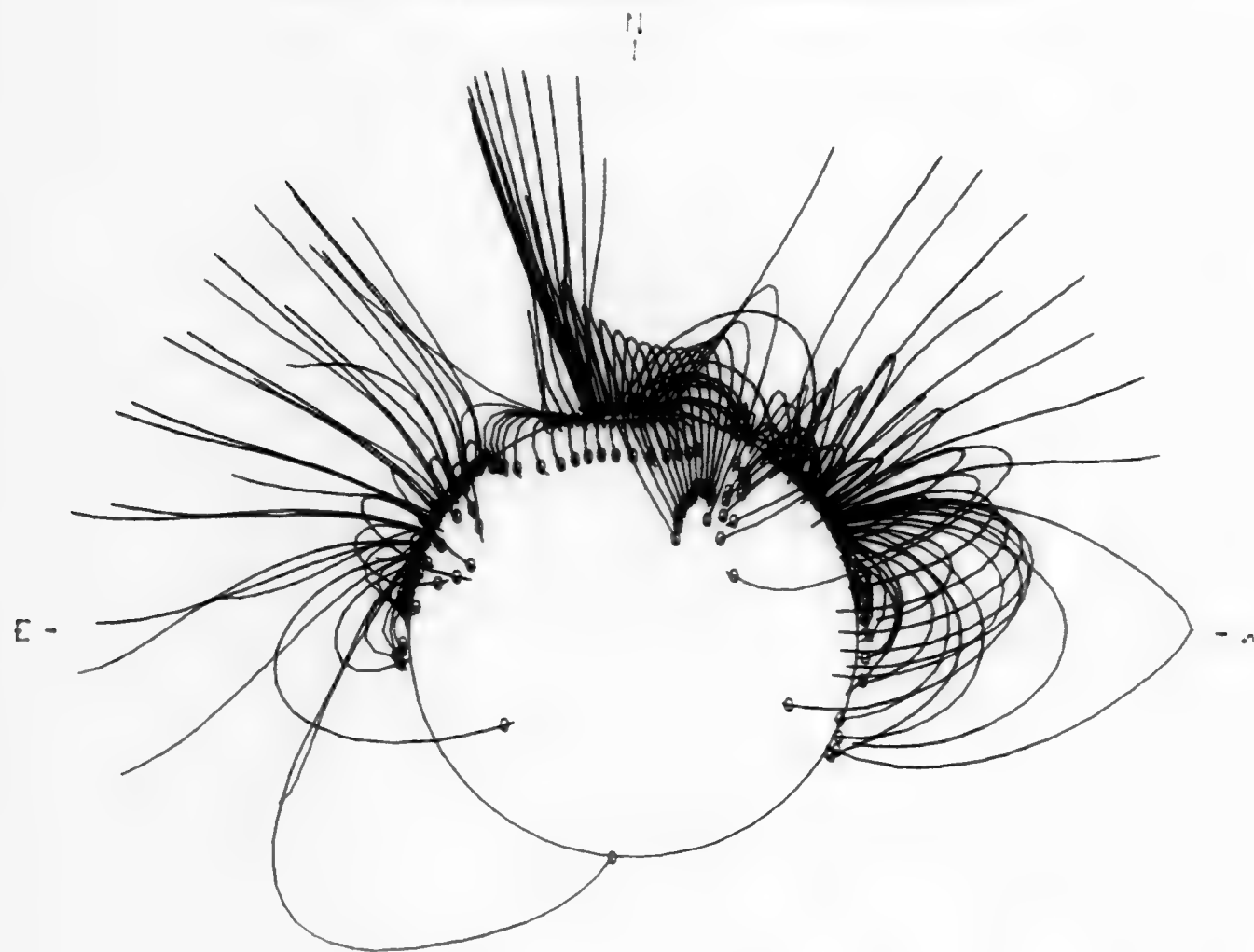
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1511.00

ROT. 15.11 1010. 40°
2.9 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

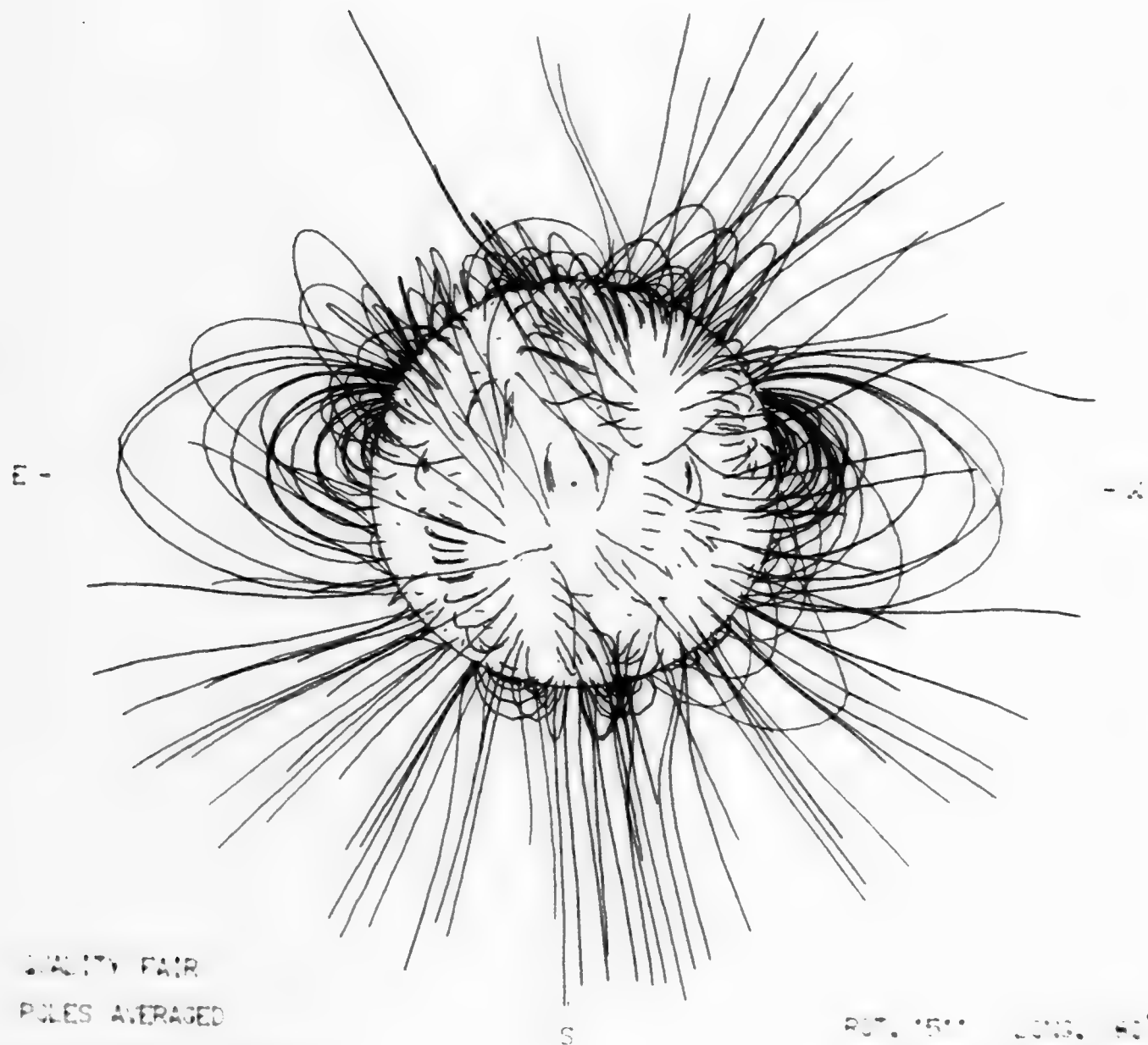
DATA WINDOW 1511.00

1
S

RCT. 1511 LONG. 151

4.0 SEP 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

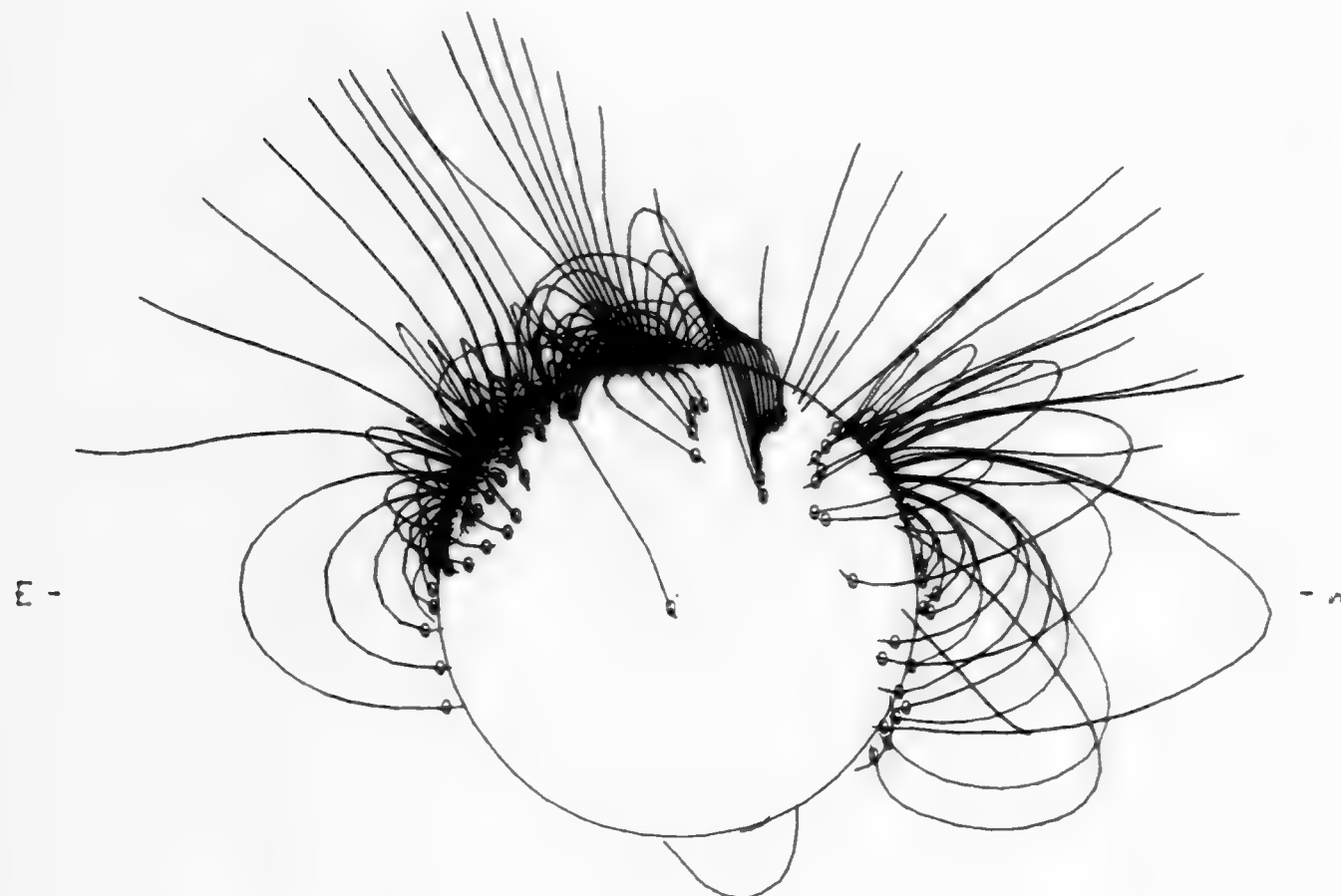
POLES AVERAGED

DATA WINDOW 1511.47

ROT. 15.1 2010. 50°

5.6 SEP 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

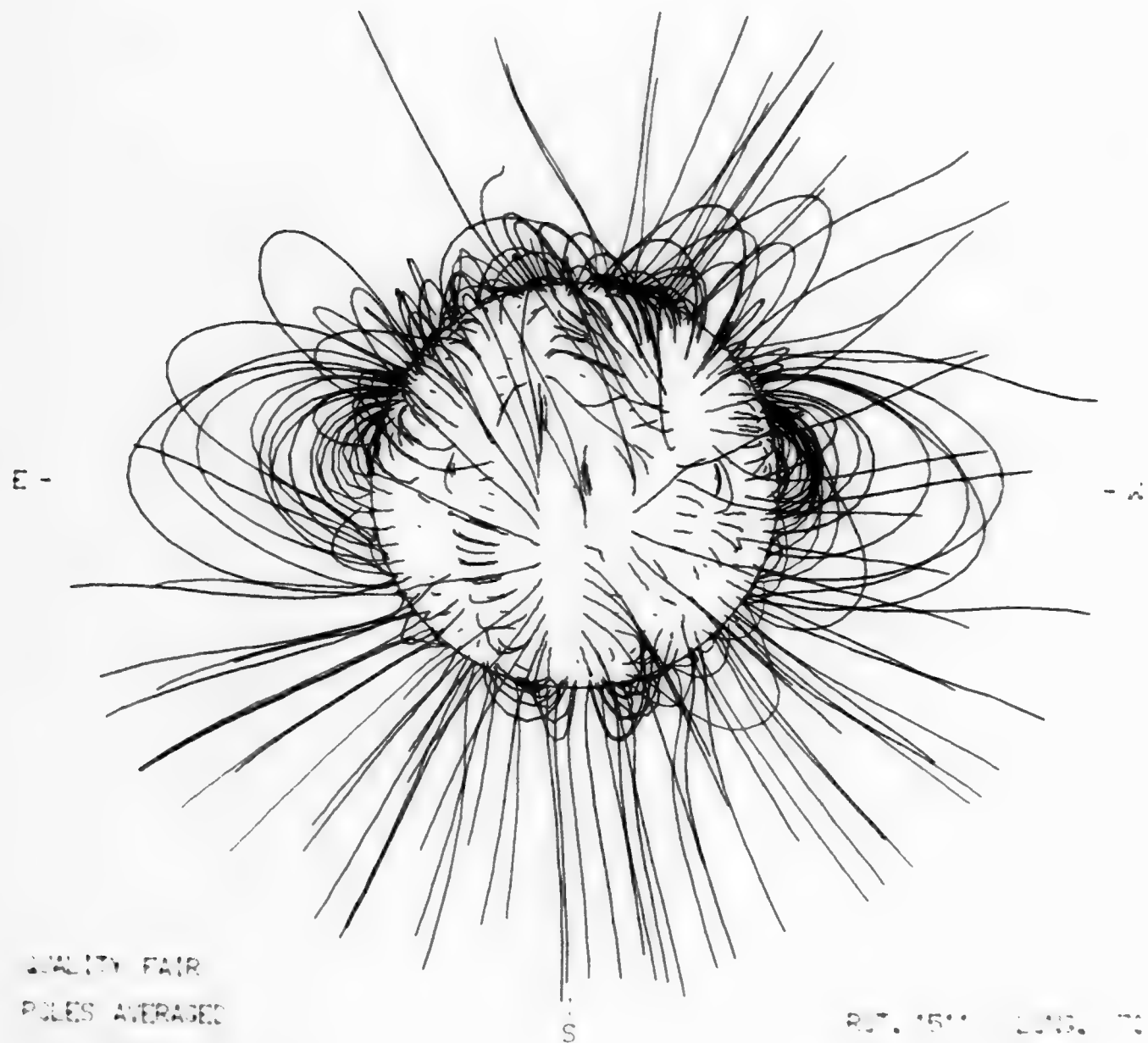
DATA WINDOW 1511.4"

S

RUT. 1511 LUNGS. 1511

5.6 SEP 1966

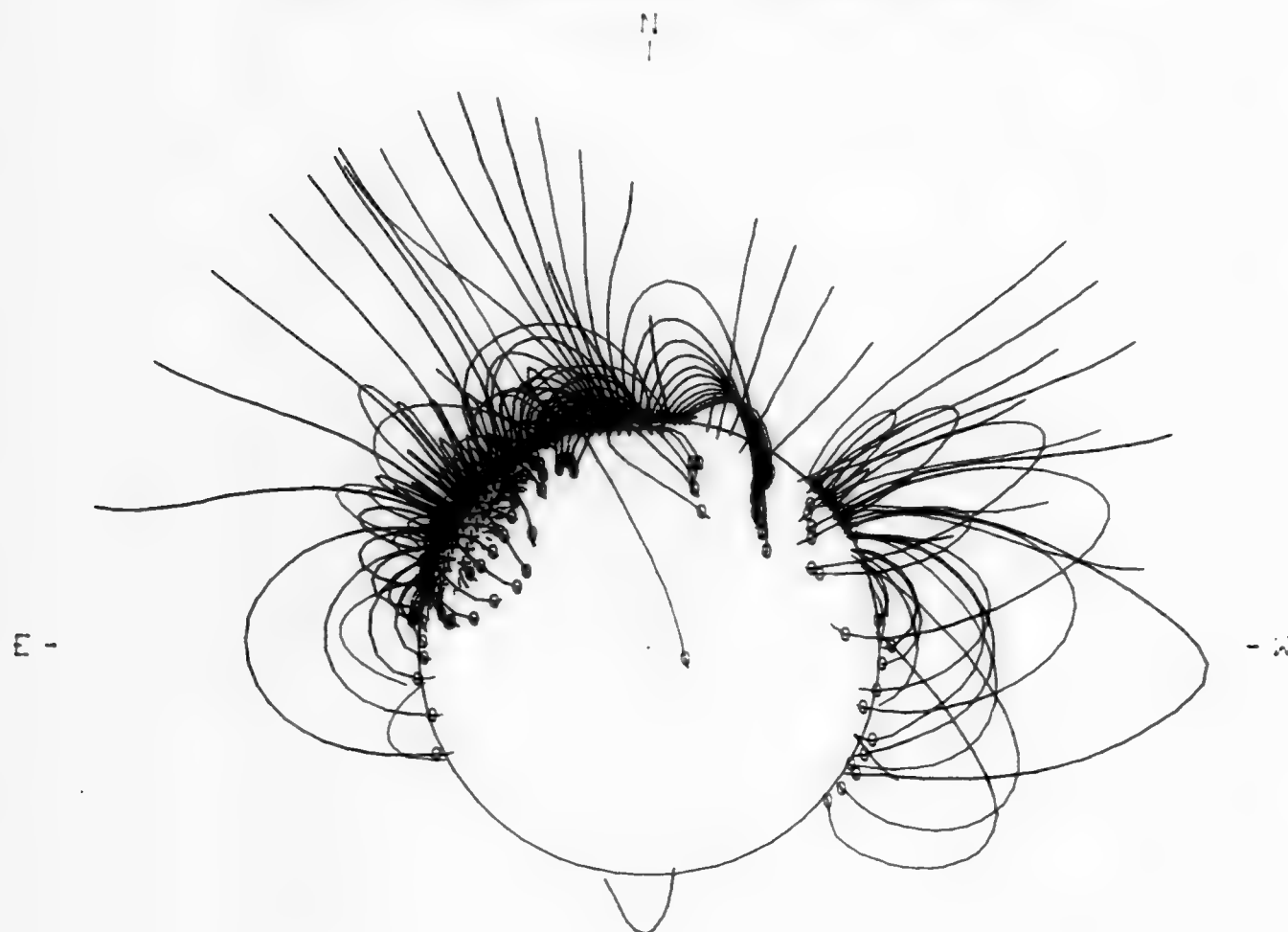
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1511.47

R.T. '51' L.T. '71'
6.4 SEP 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

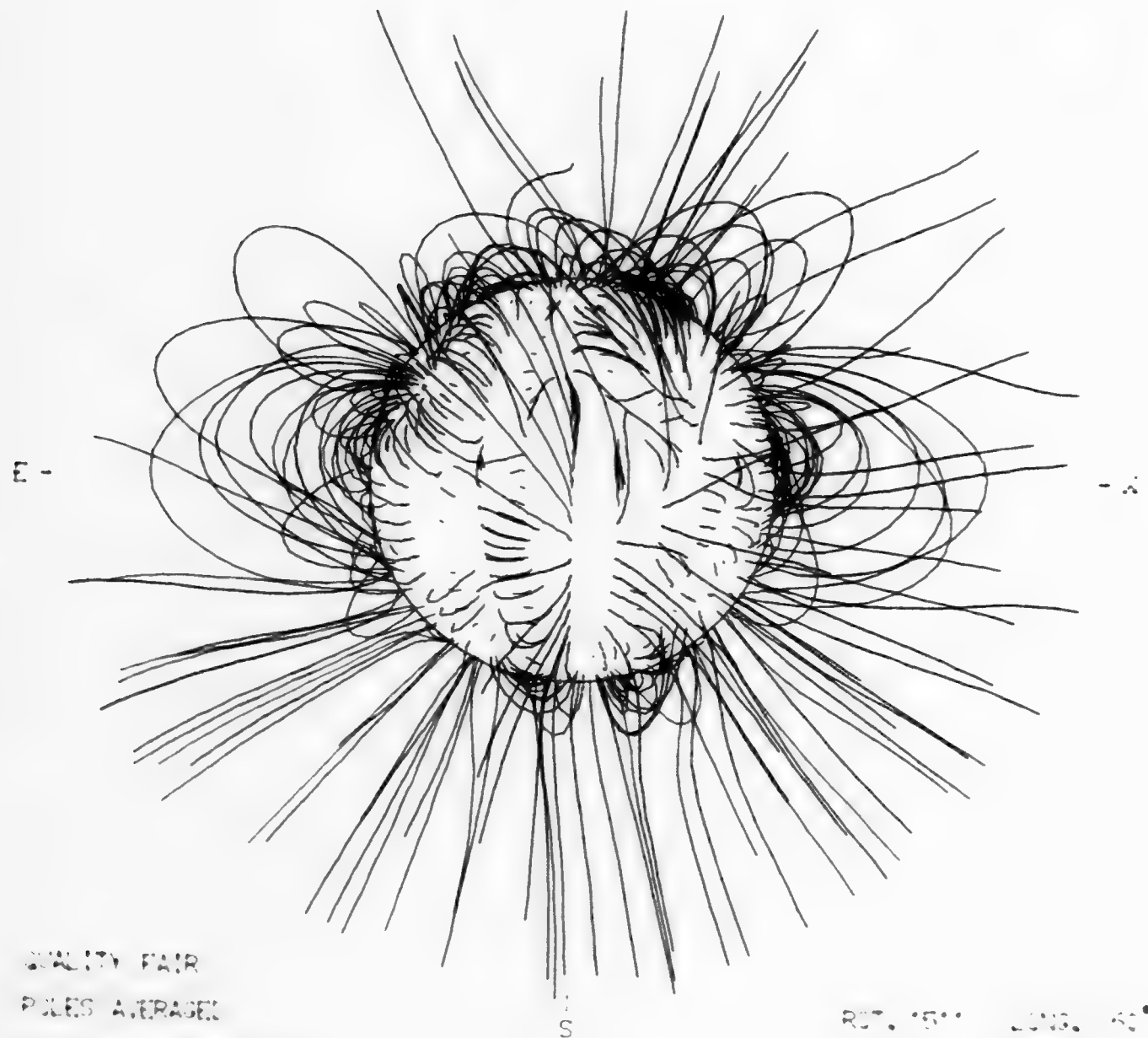
DATA WINDOW 1511.47

S

RUT. 1511 LONG. 71°

6.4 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

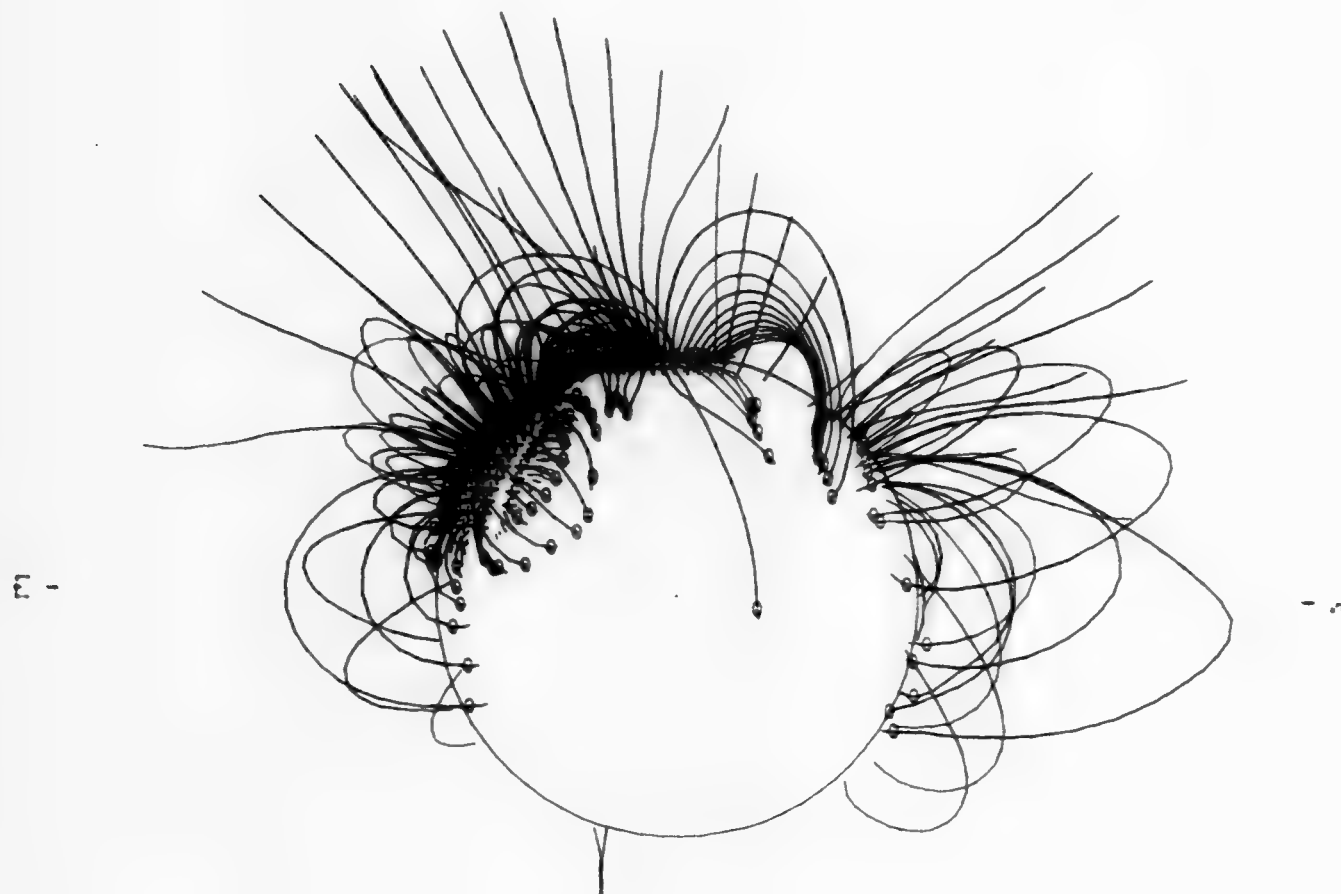
POLES AVERAGED

DATA WINDOW 1511.47

ROT. 1511 LONG. 60°

7.2 SEP 1968

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

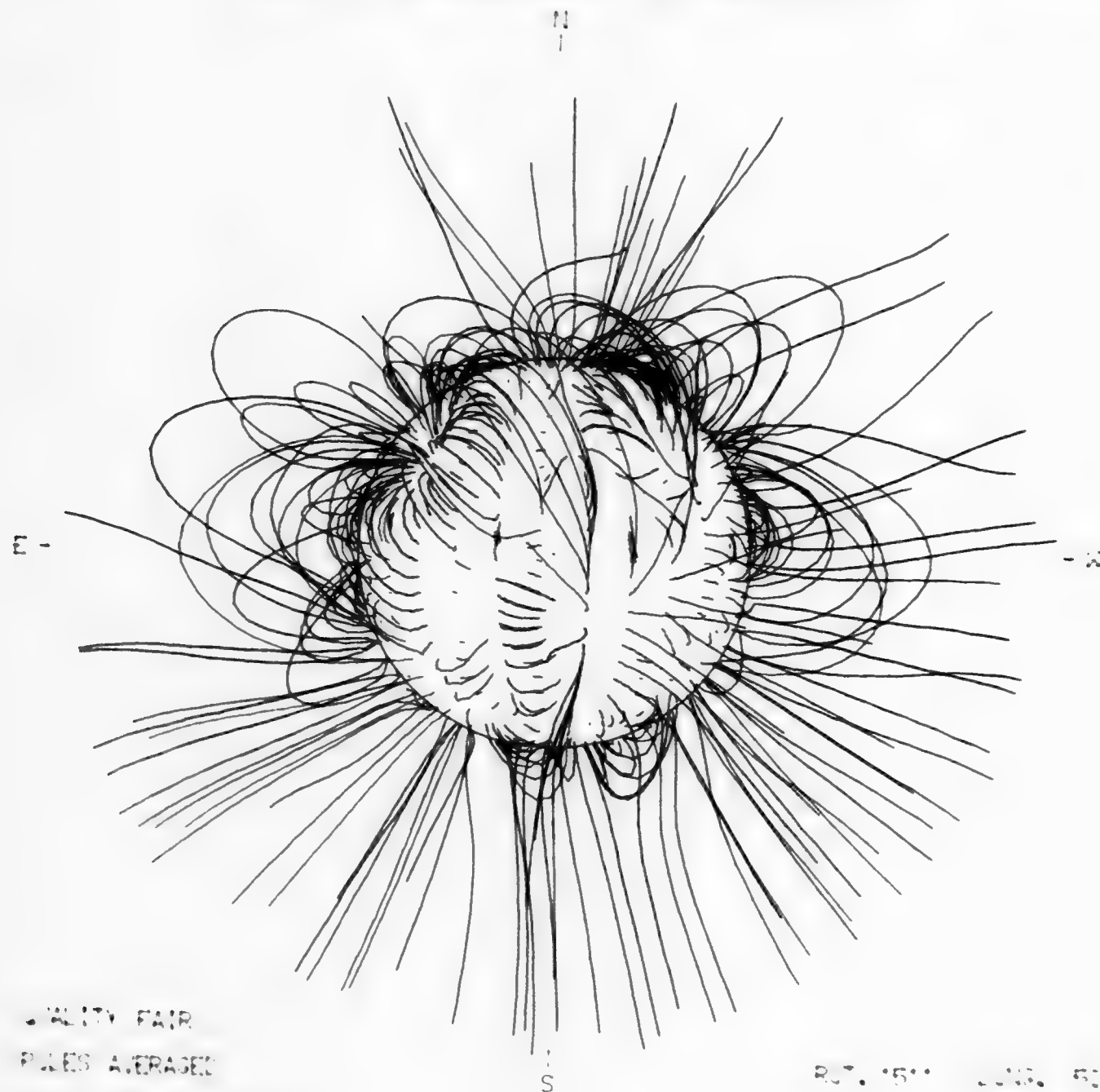
DATA WINDS 1511.47

1
S

R.T. 1511 2013. 51°

7.2 SEP 1966

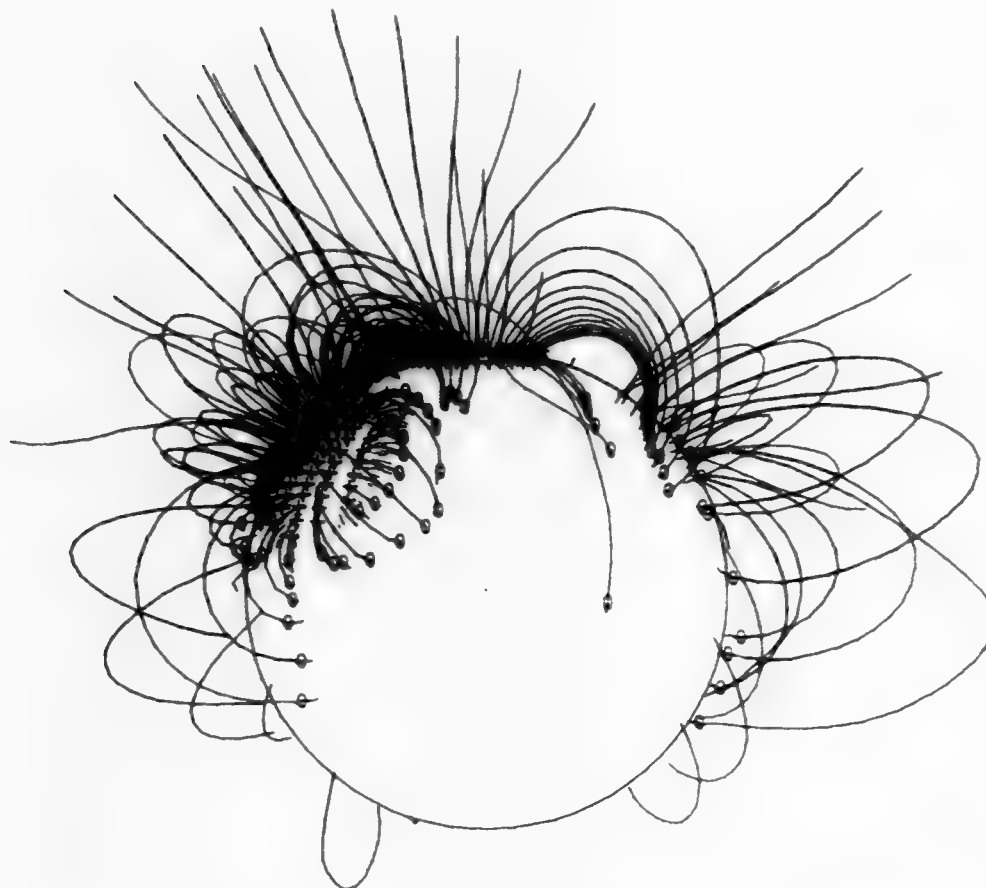
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 PILES AVERAGED
 DATA WINDOW 1511.07

RCT. 1511 1016. 51°
 7.9 SEP 1996

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

- A

QUALITY FAIR

POLES AVERAGE

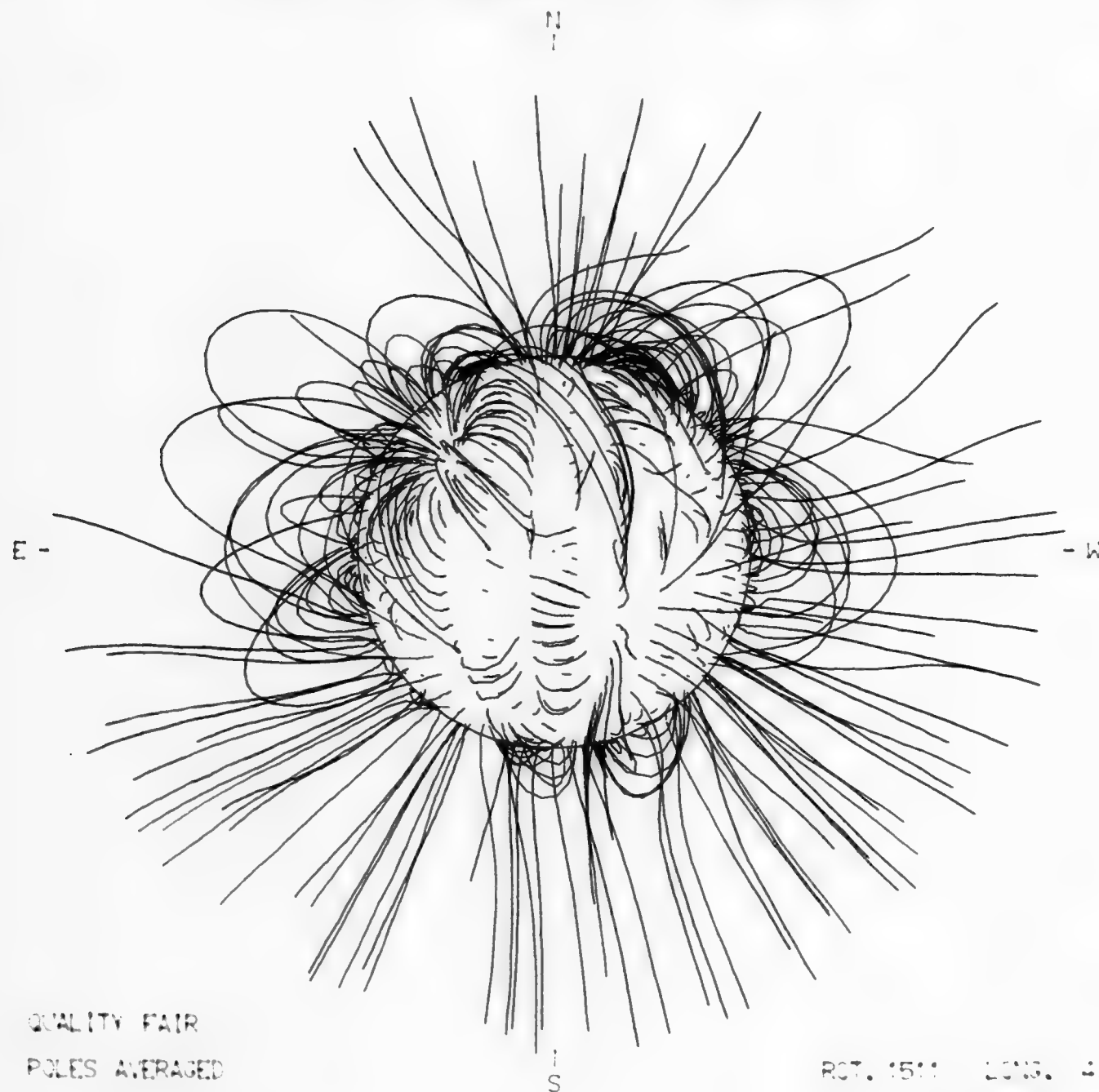
DATA WINDOW 1511.00

S

PLT. 1511 1010. 50°

7.9 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

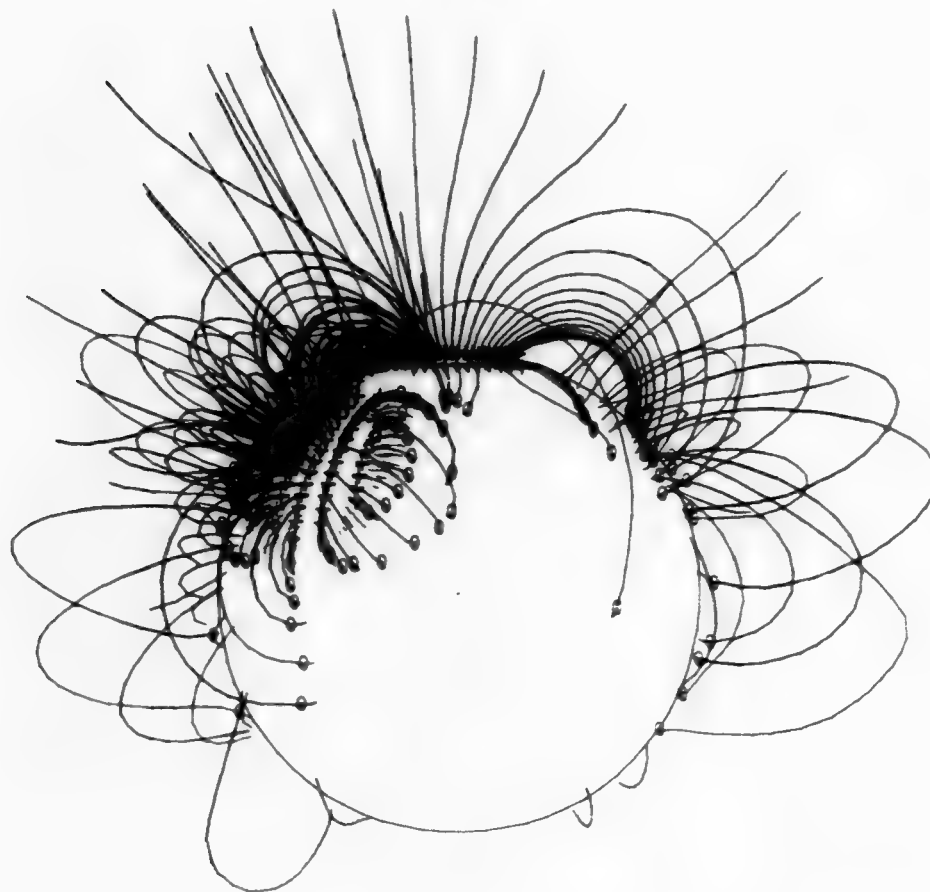
POLES AVERAGED

DATA WINDOW 1511.47

ROT. 1511 LONG. 41°

8.7 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

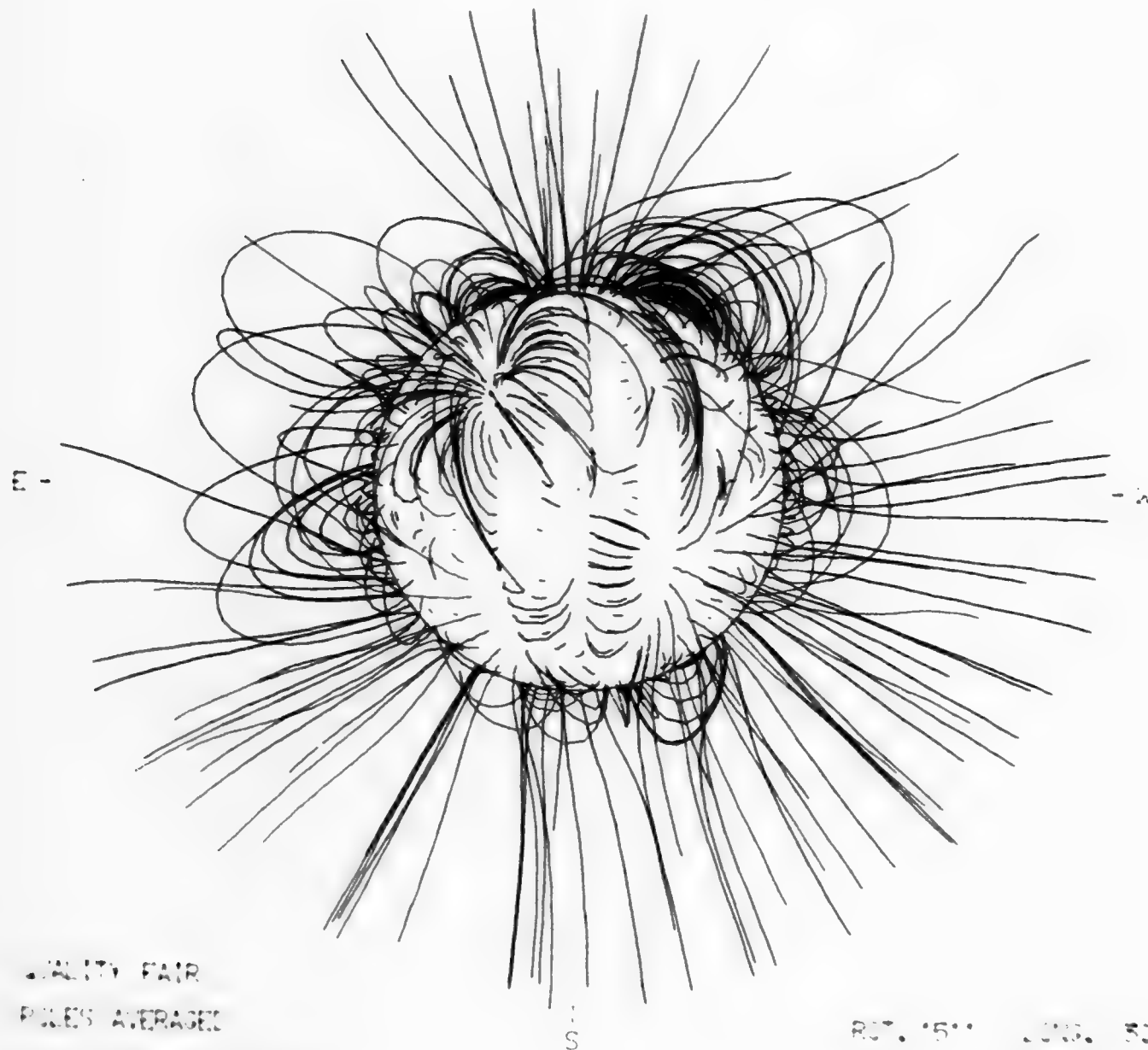


J. W. T. PAIR
 RULES ALTRAGEN
 DATA WINDOW 1511.47

1
 S

ROT. 15.11 LONG. 41.0
 8.7 SEP 1955

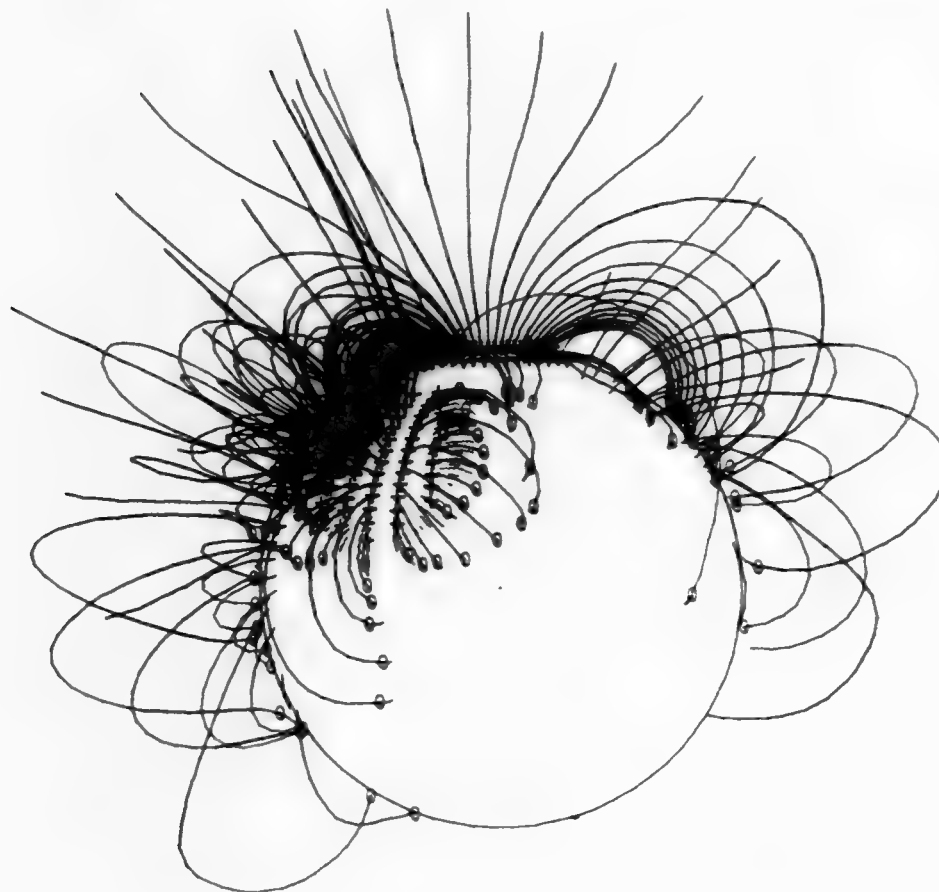
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 PILES AVERAGE
 DATA WINDOW 1511.47

ROT. 15.1 100. 5.1
 9.4 SEP 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

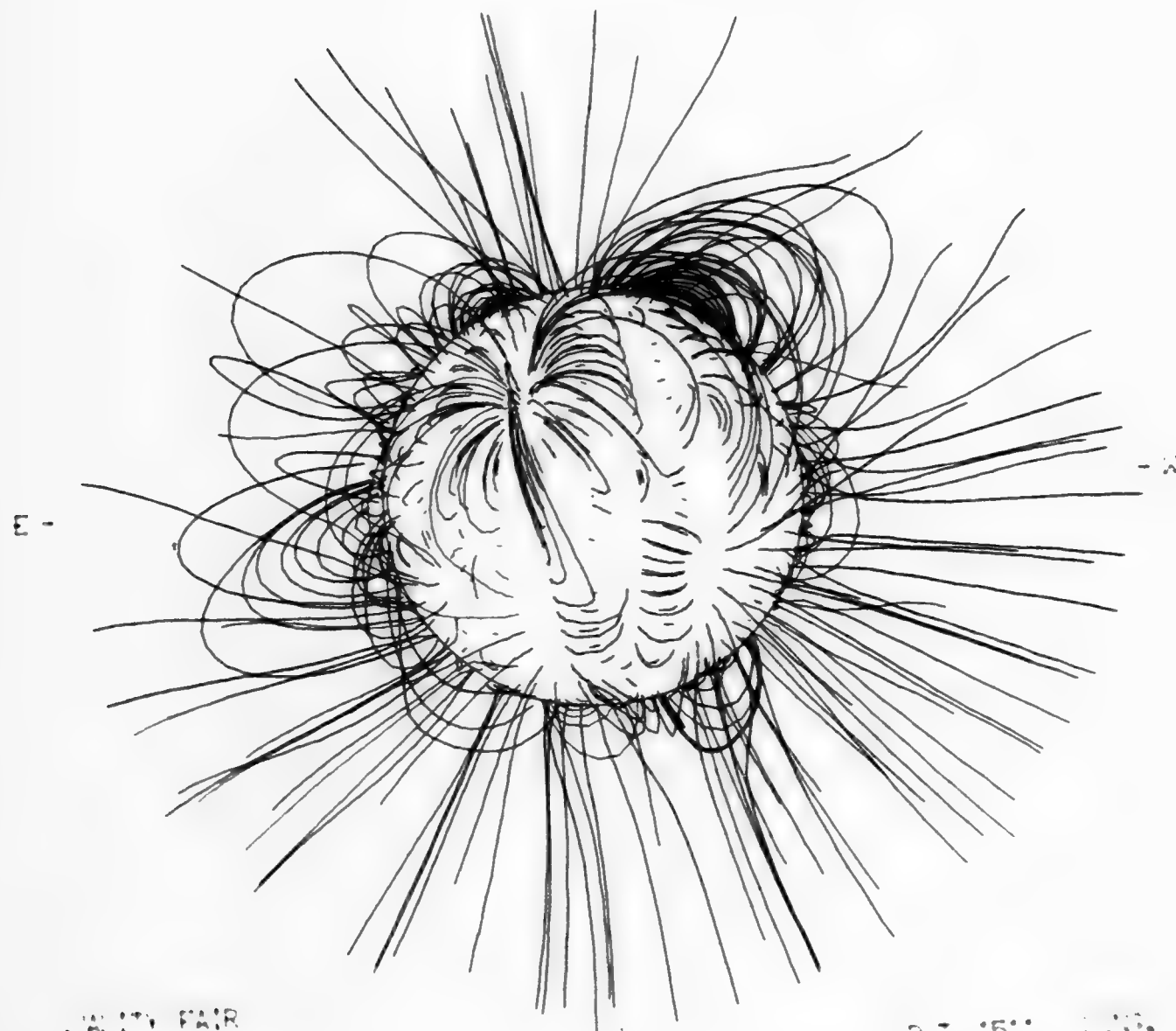
POLES AVERAGED

DATA WINDOW 1511.47

S

RET. 1511 1010. 51°
9.4 SEP 1965

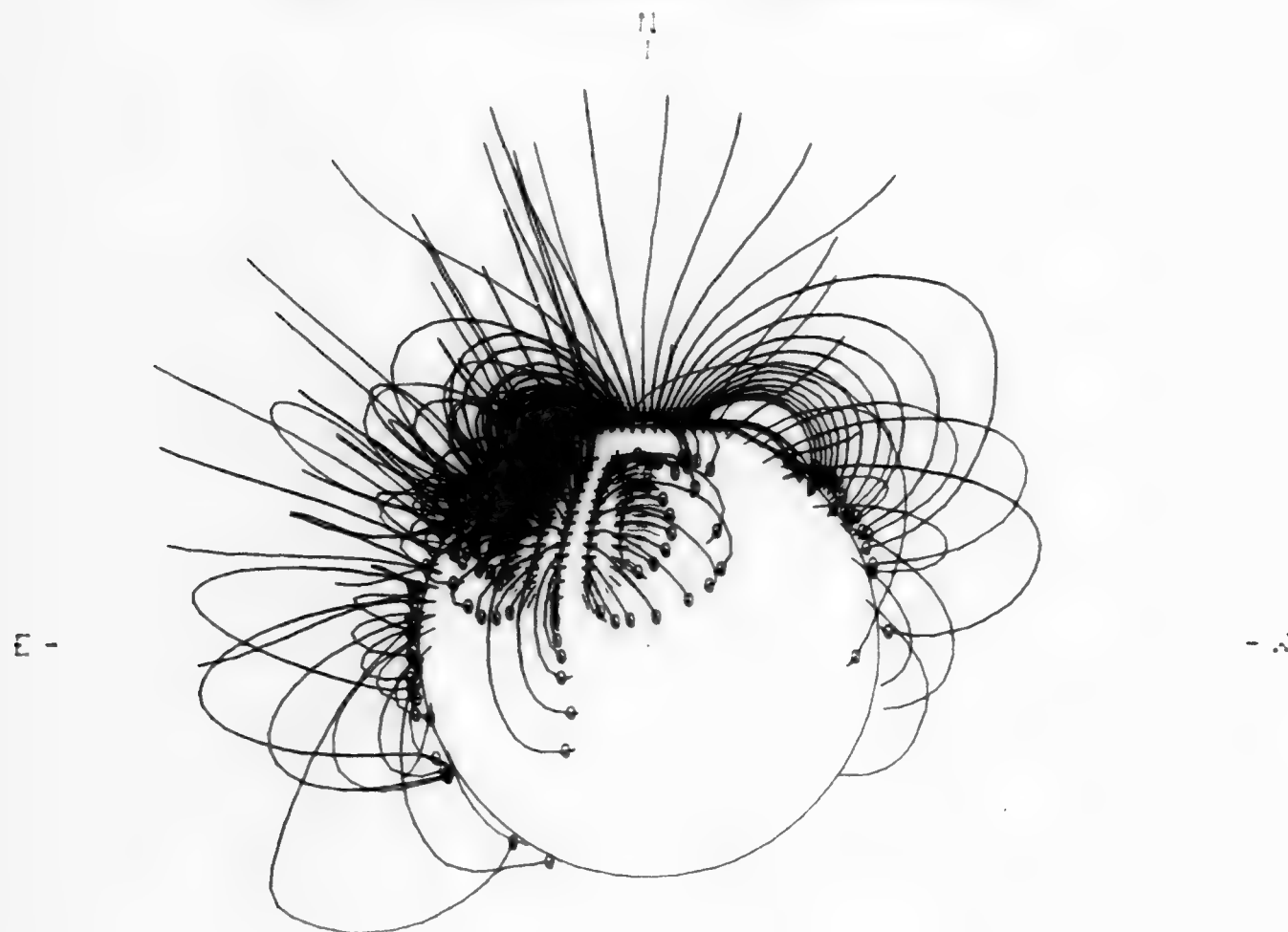
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 PILES AVERAGED
 DATA AND IN 1511.47

R.T. 1511 1511.47
 1512 SEP 1965

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

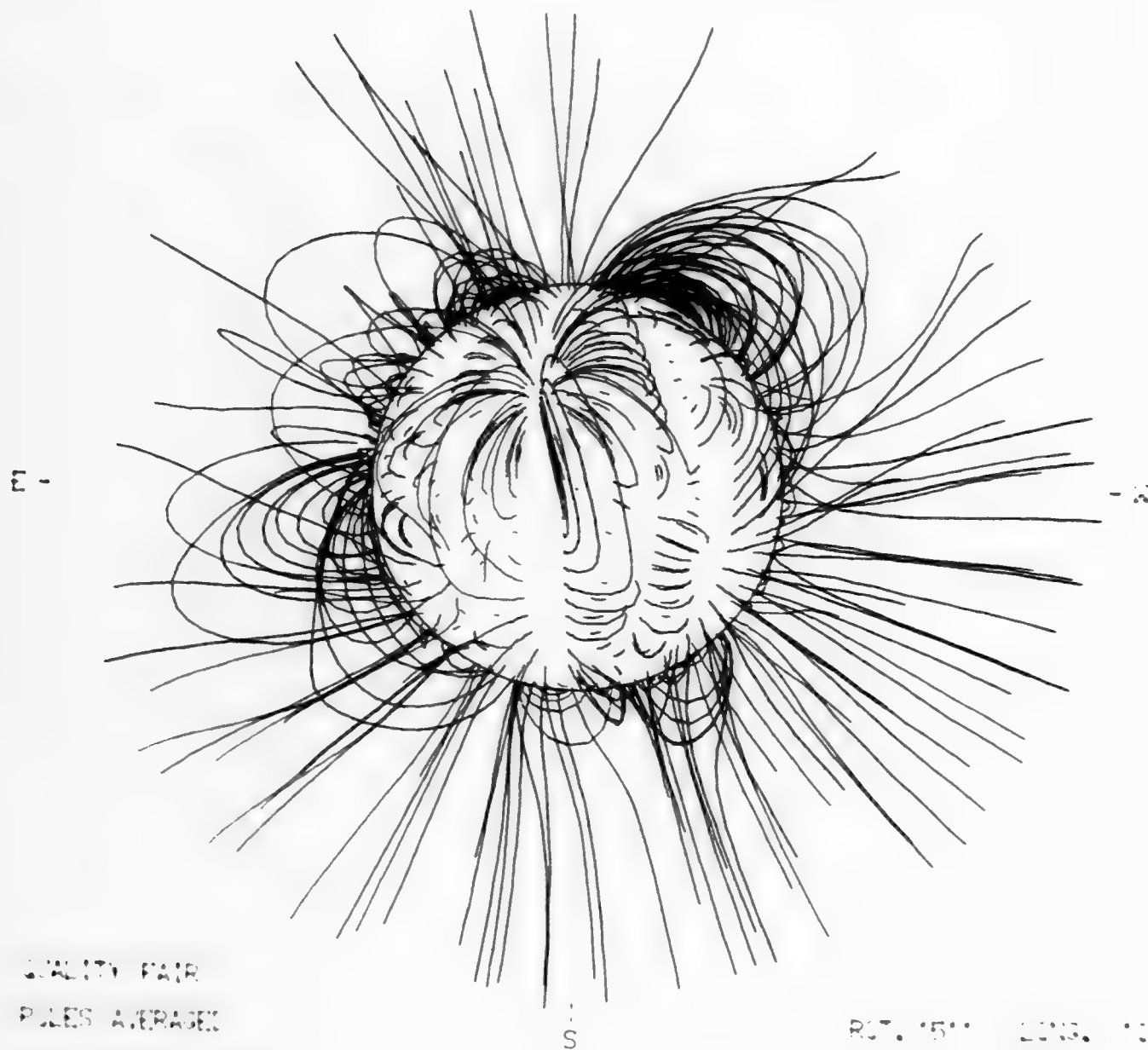
FILES AVERAGED

DATA WITHIN 1511.47

RJT, 1511 11.10. 11.10

10.2 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

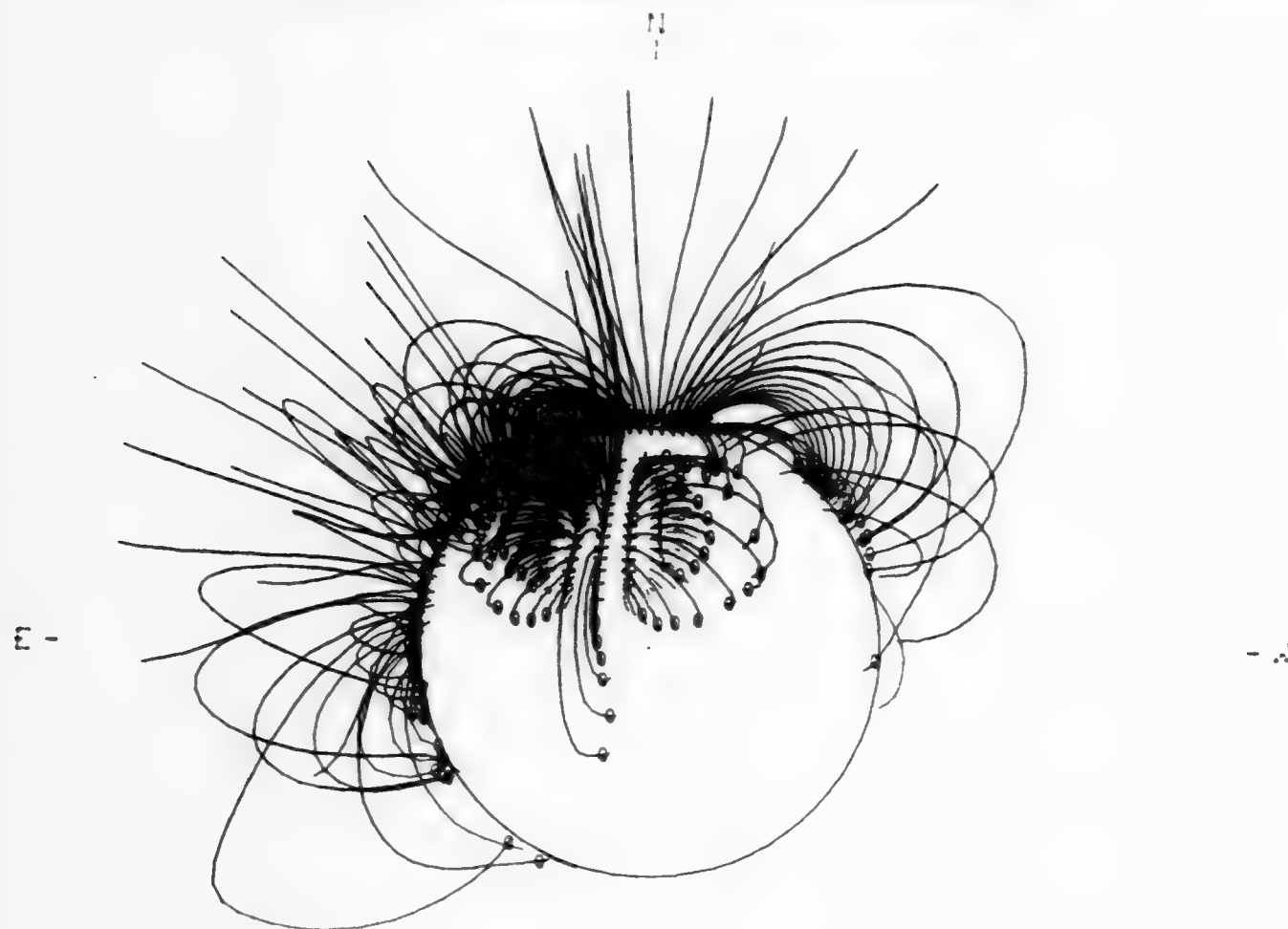
FILES AVERAGED

DATA WINDOW 1511.47

ROT. 1511 LONG. 10°

10.9 SEP 1965

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

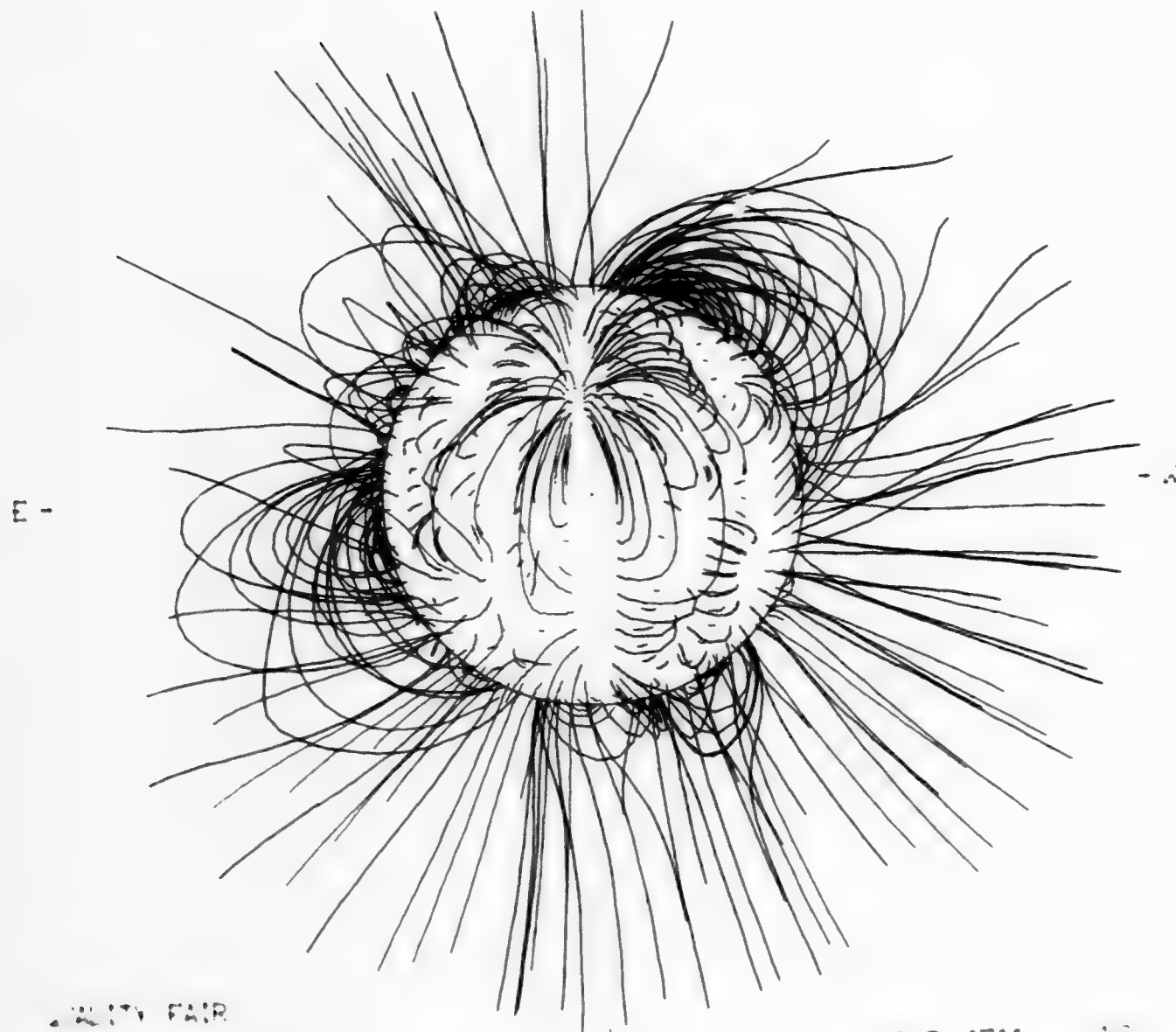
DATA WINDOW 1511.47

1
S

RUT. 1511 1013. 101

10.9 SEP 1966

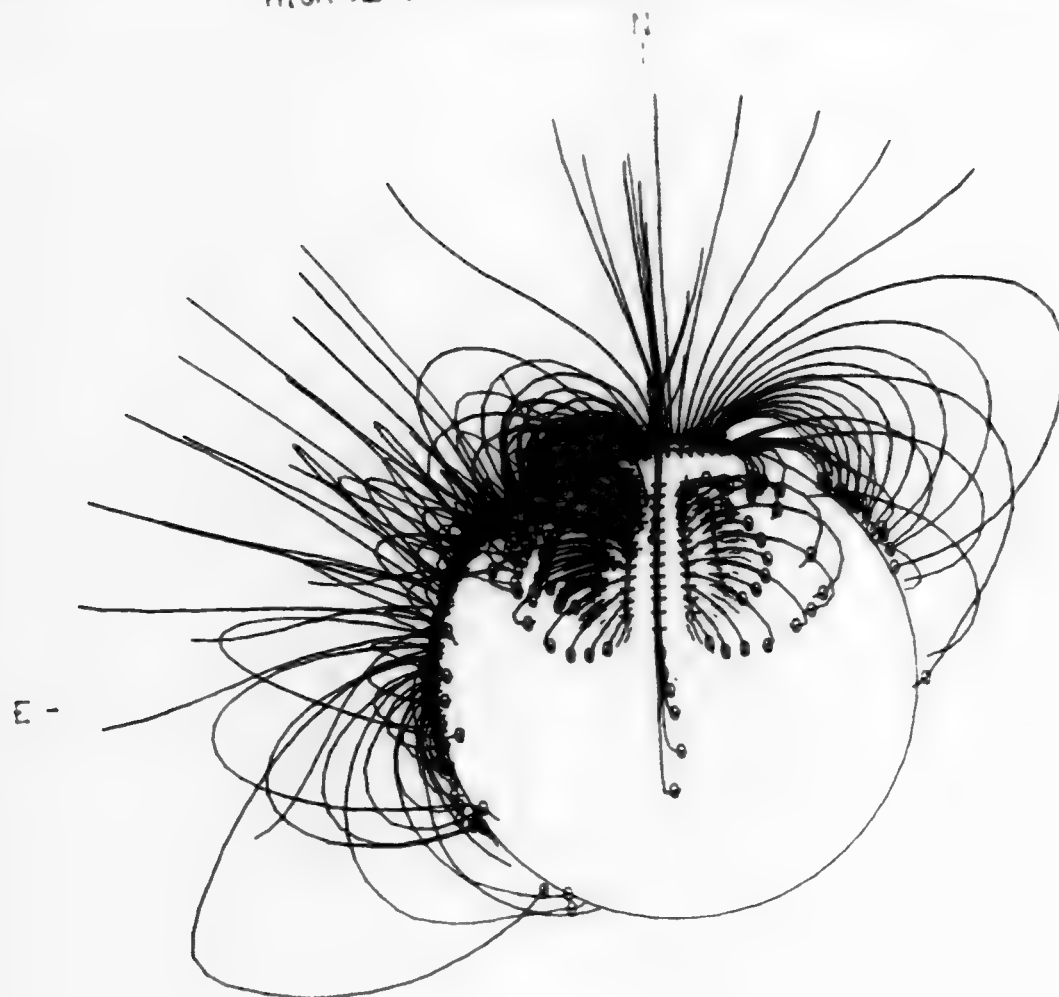
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1511.47

ROT. 1511 2013. 1°
 11.7 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



WINDY FAIR

RAIES AVERAGED

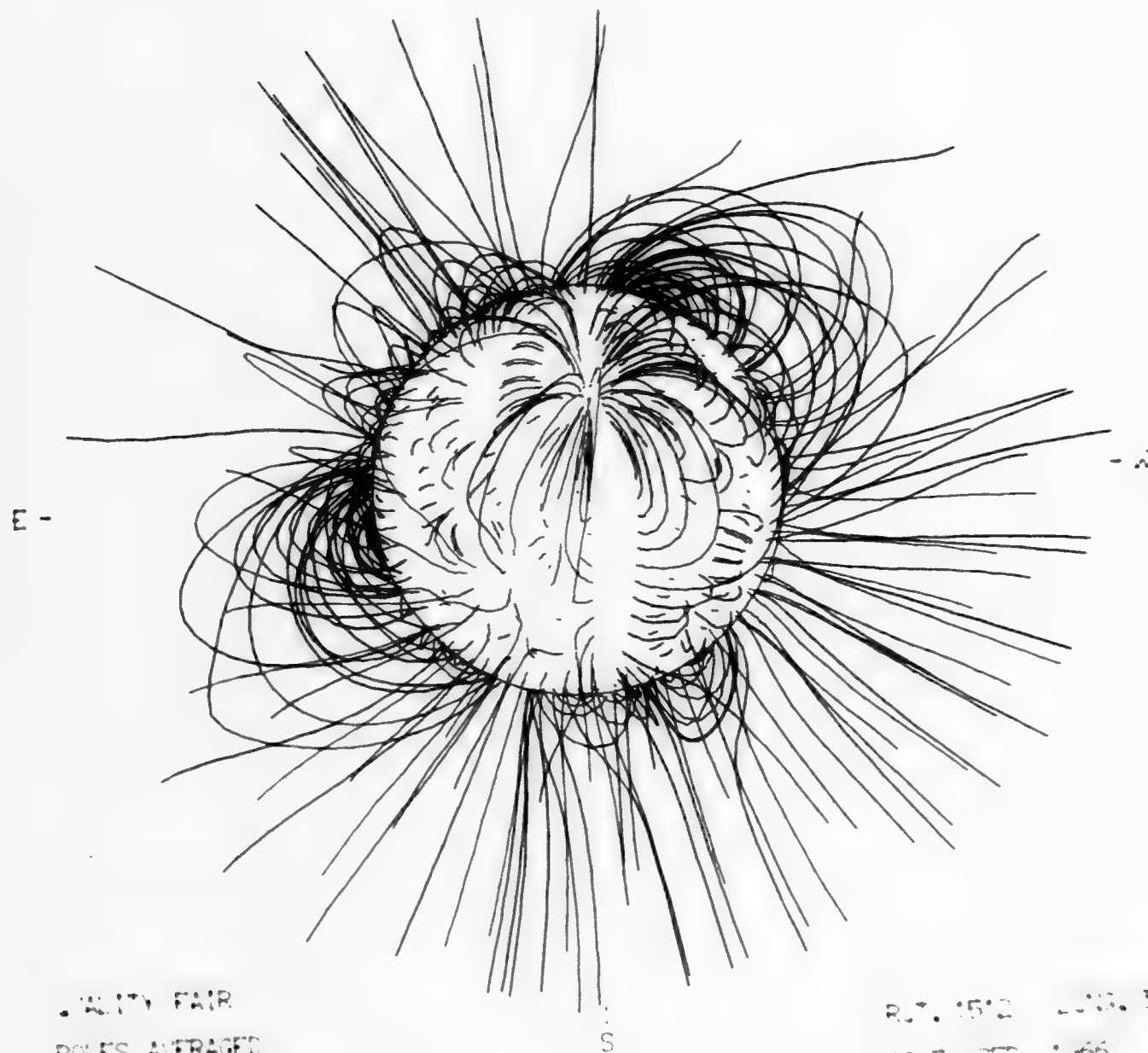
DATA WIND 1511.47

S

RUT. 1511 LONG. 1511

11.7 SEP 1966

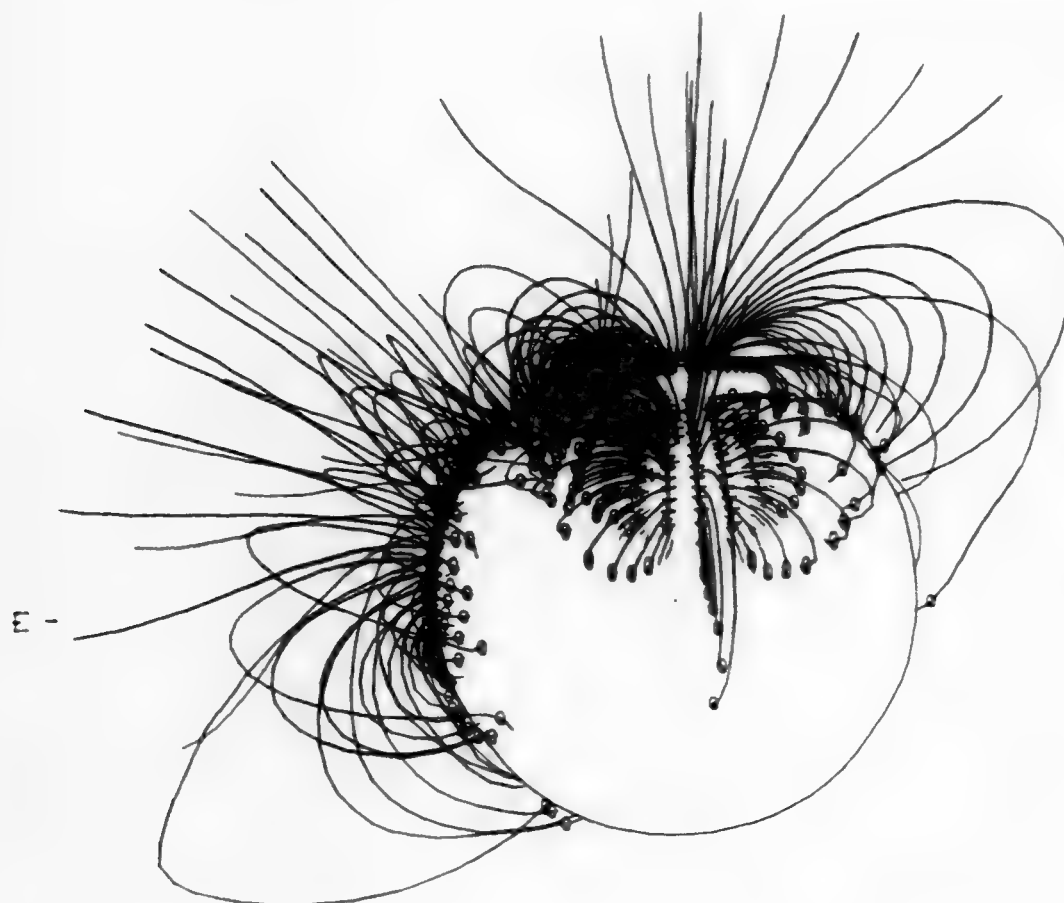
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1511.47

R.T. 1512 L.T. 1512
12.5 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

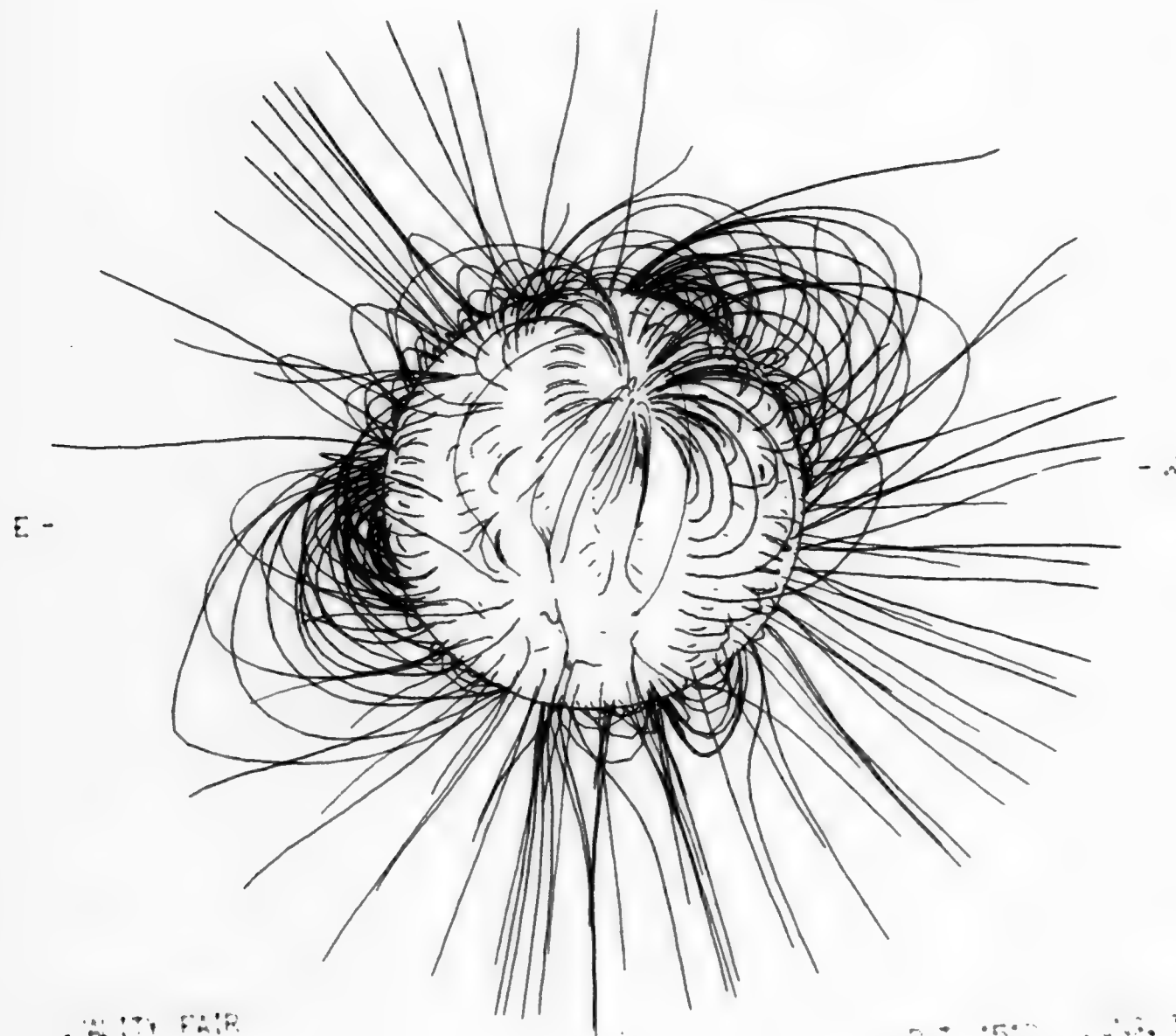
POLES AVERAGED

DATA WIDEON 1511.47

S

R.T. 1512 LUG. 1951
12.5 SEP 1951

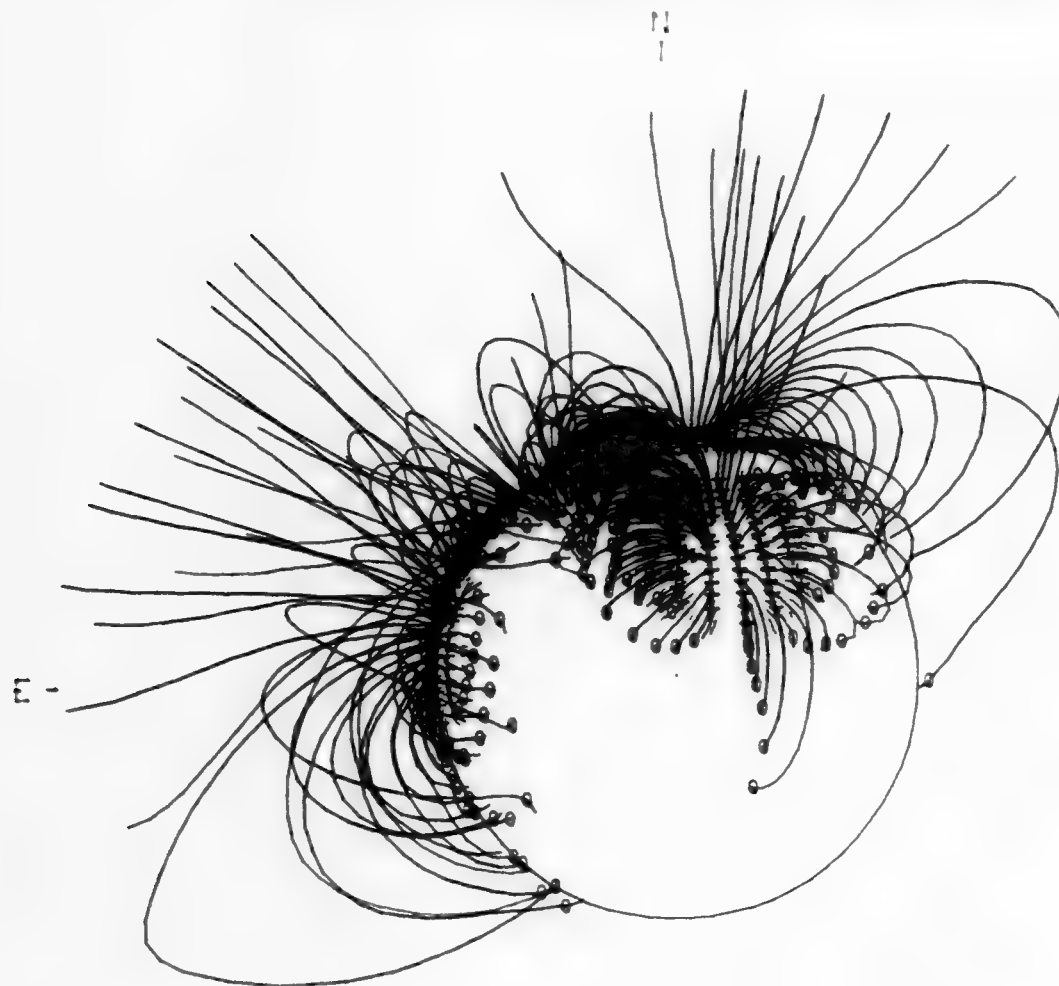
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA W/IN 1511.47

P.T. 1512 J.A. 340°
3.2 SEP 1955

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

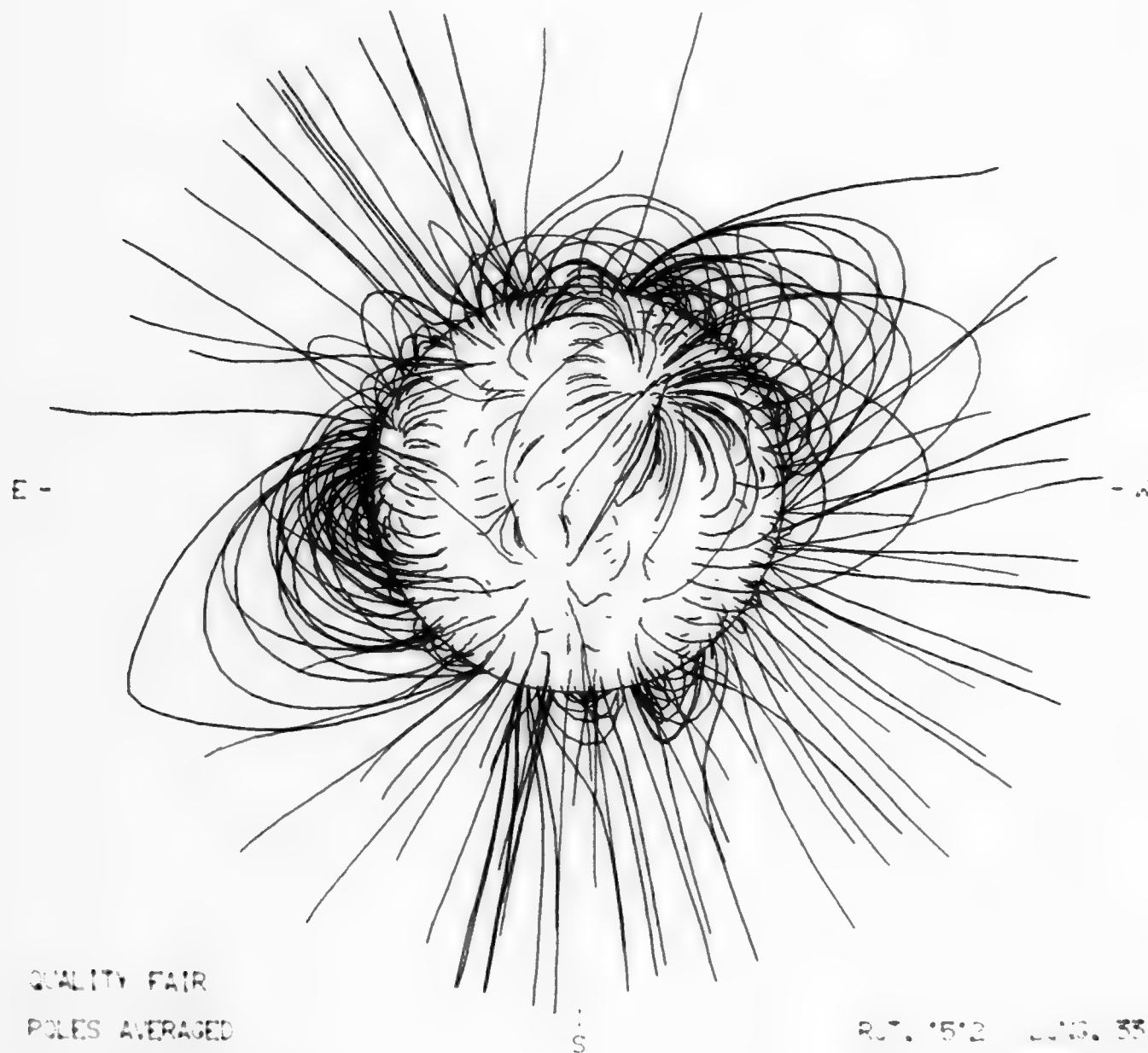
FILES AVERAGED

DATA WINDOW 1511.47

S

R.T. 1512 LONG. 341°
15.2 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

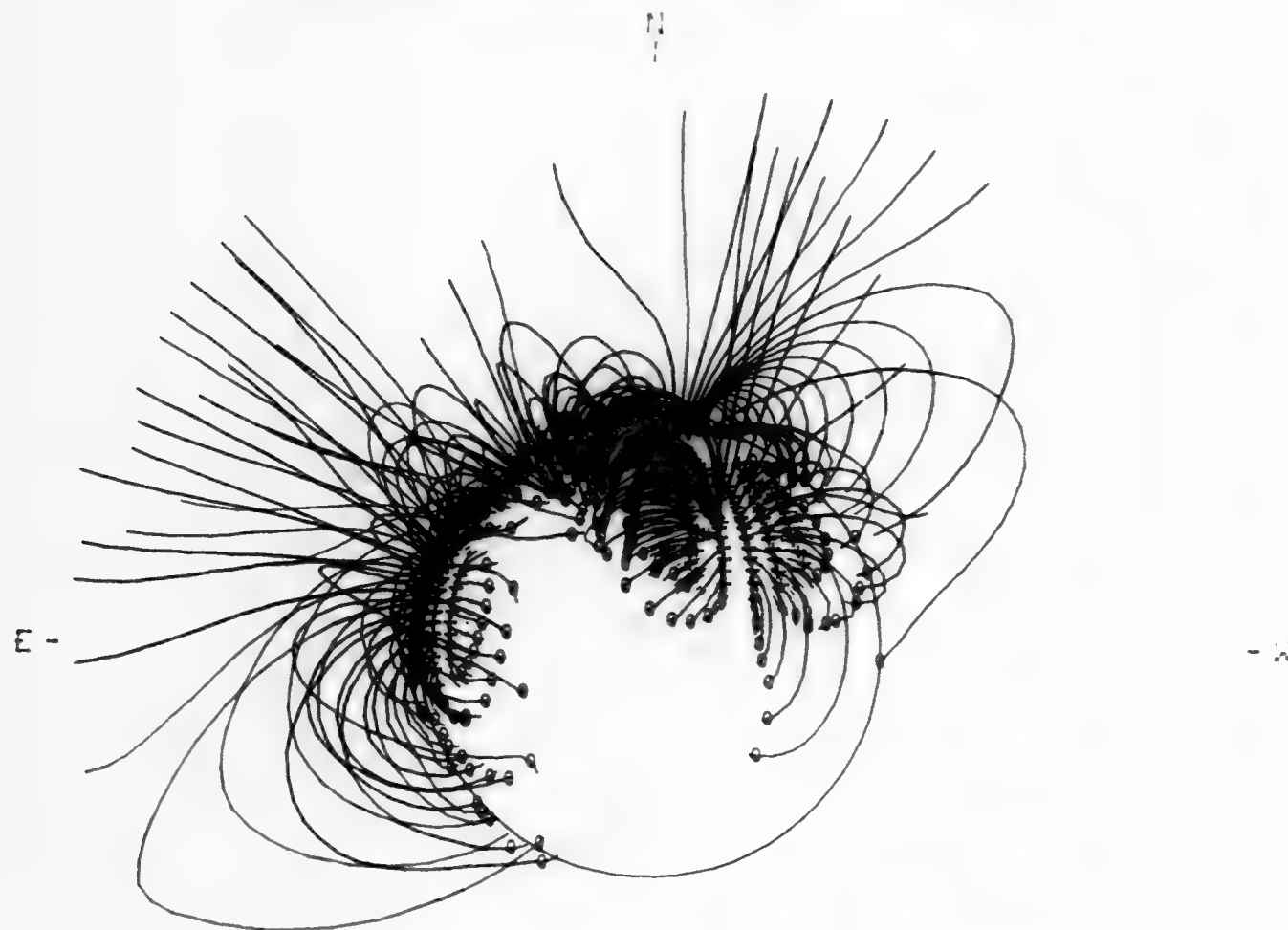
POLES AVERAGED

DATA WINDOW 1511.47

RUT. '5'2 LUNG. 33°

14.0 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

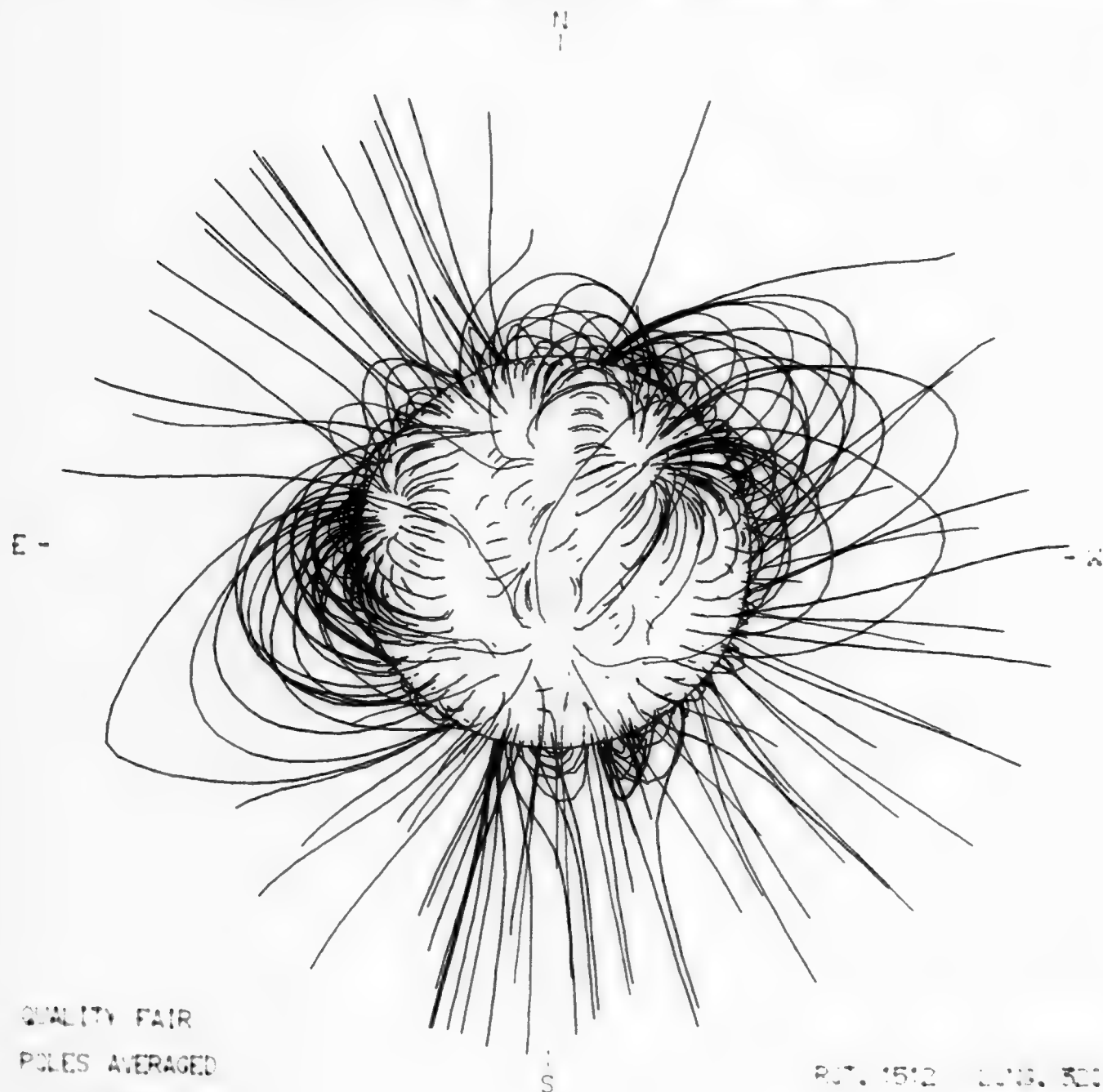
DATA WINDOW 1511.47

S

RUT. 1512 2110.330°

14.0 SEP 1986

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



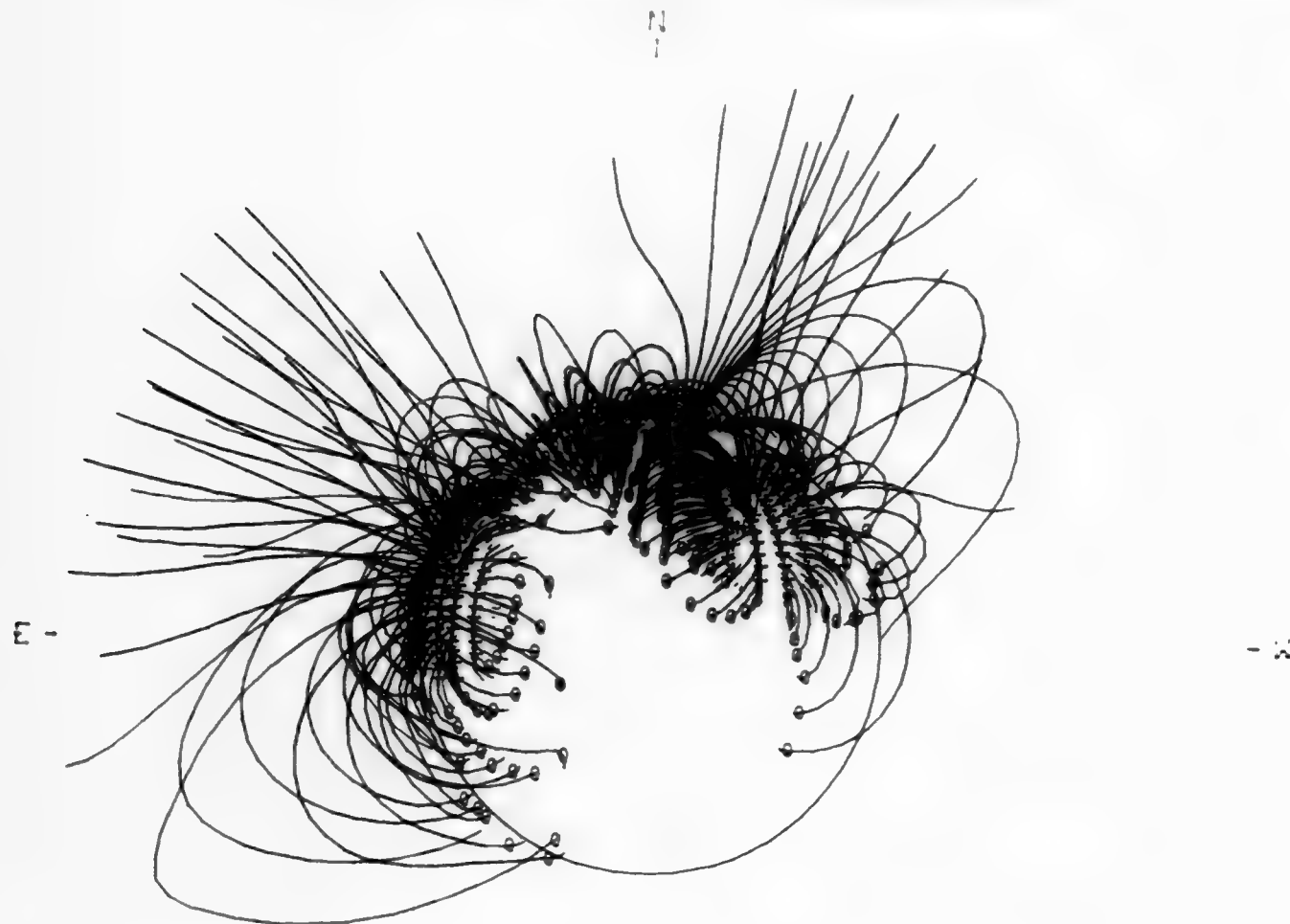
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1511.47

RUT. 1512 LUN. 300°
14.7 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

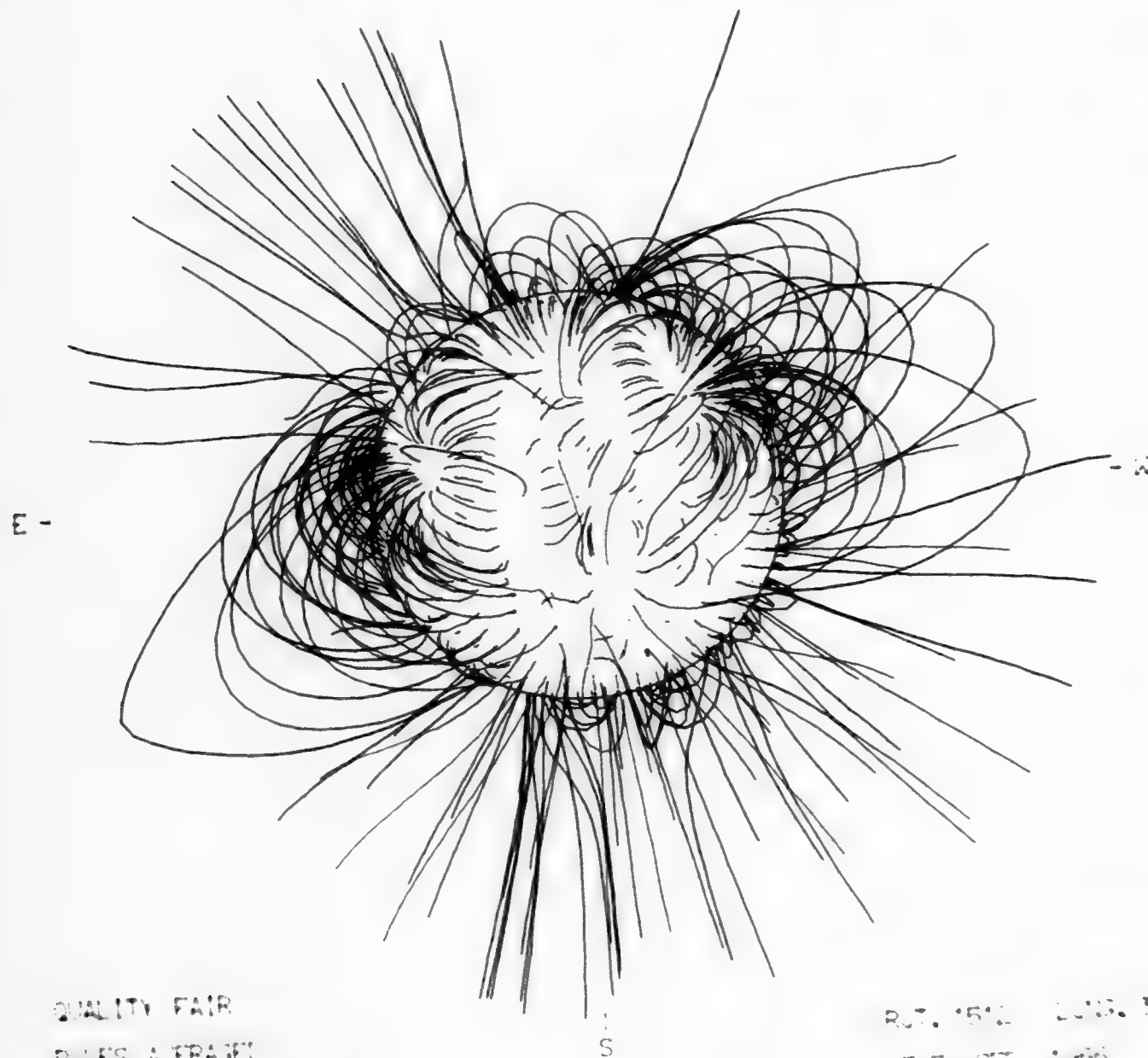
DATA WINDOW 1511.47

1
S

RUT. 1512 2013. 301°

14.7 SEP 1966

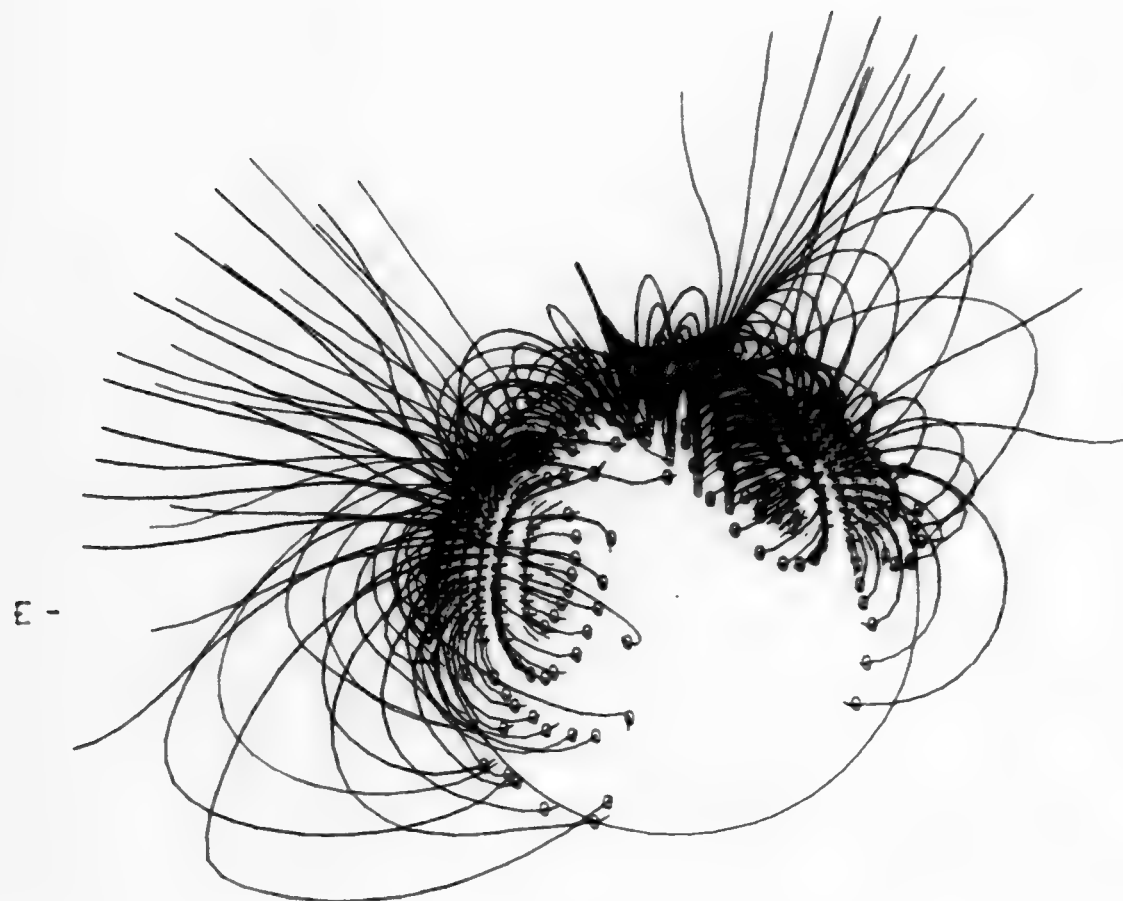
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 PILES AVERAGE
 DATA WINDOW 1511.4"

R.T. 15.1 LING. 5.1
 15.5 SEP 1968

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES AVERAGED

DATA WITHIN '511.4'

1
S

ROT. '512

'5.5 SEP

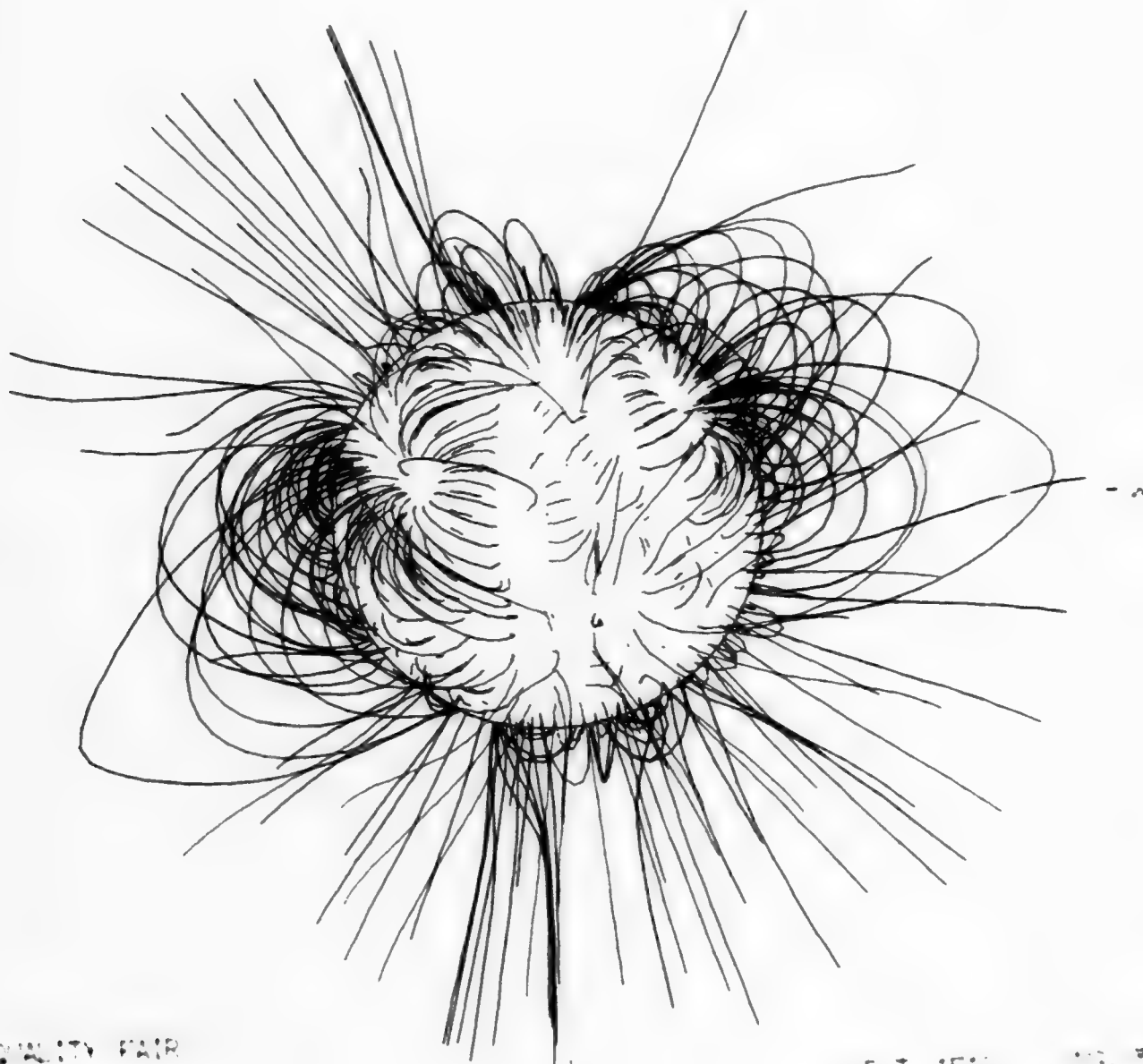
LONG. 511°

1955

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

E -

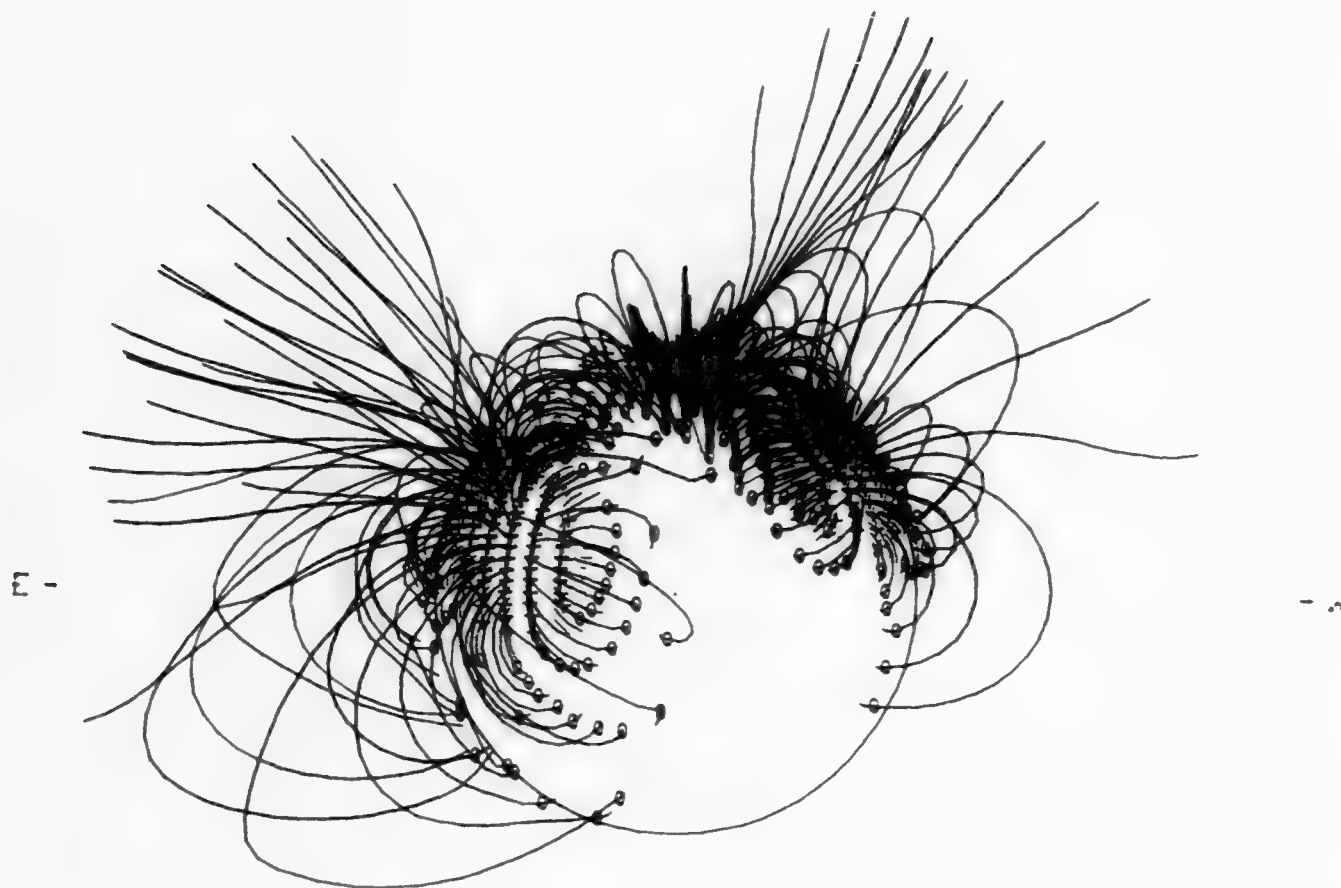


S

QUALITY FAIR
PILES AVERAGE
DATA ABOVE 151.5"

R.T. 151.5" L.T. 151.5"
16.2 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

PULES AVERAGED

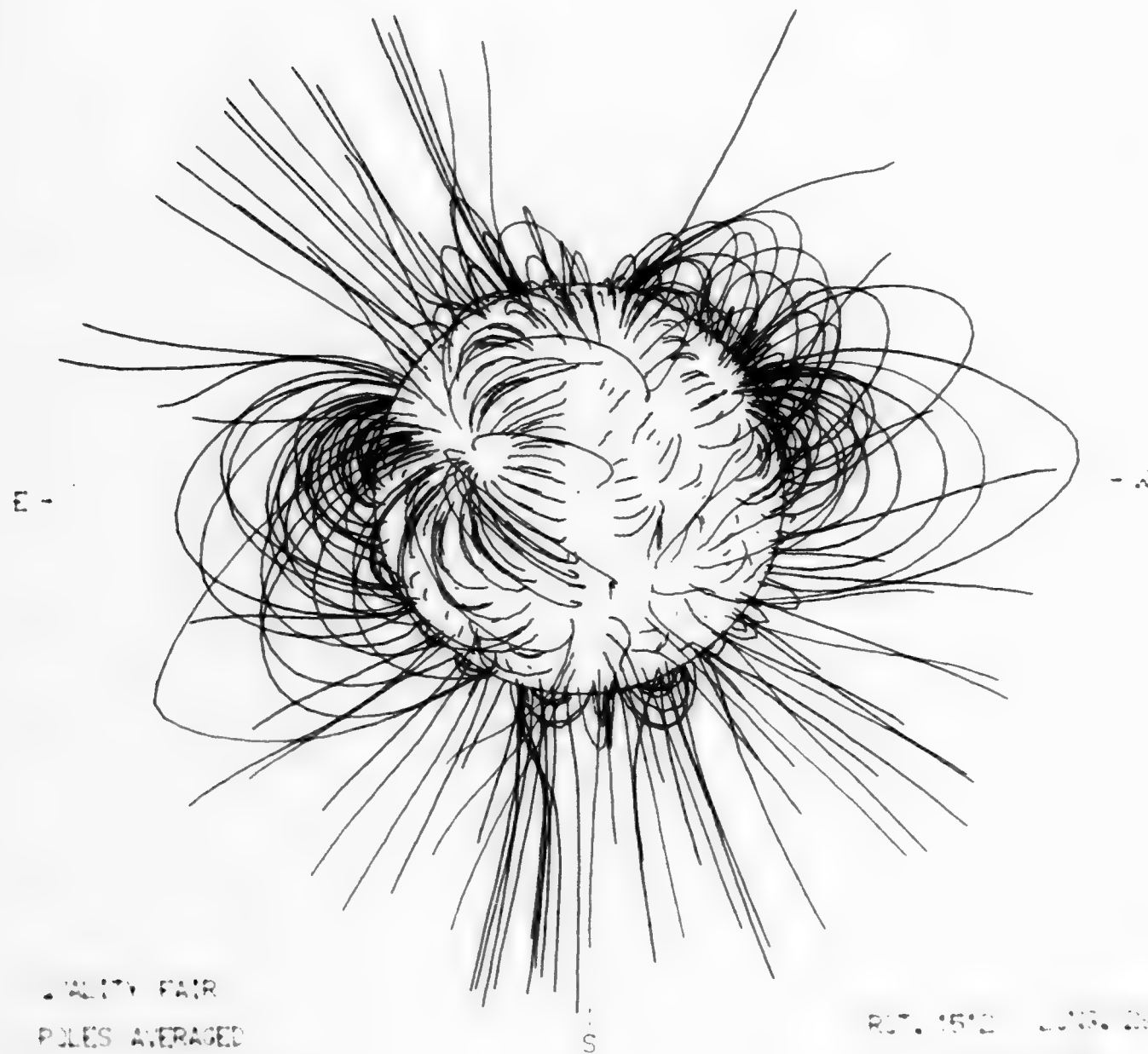
DATA WINDOW 1511.47

S

RUT. 1512 2010. 300°

16.2 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

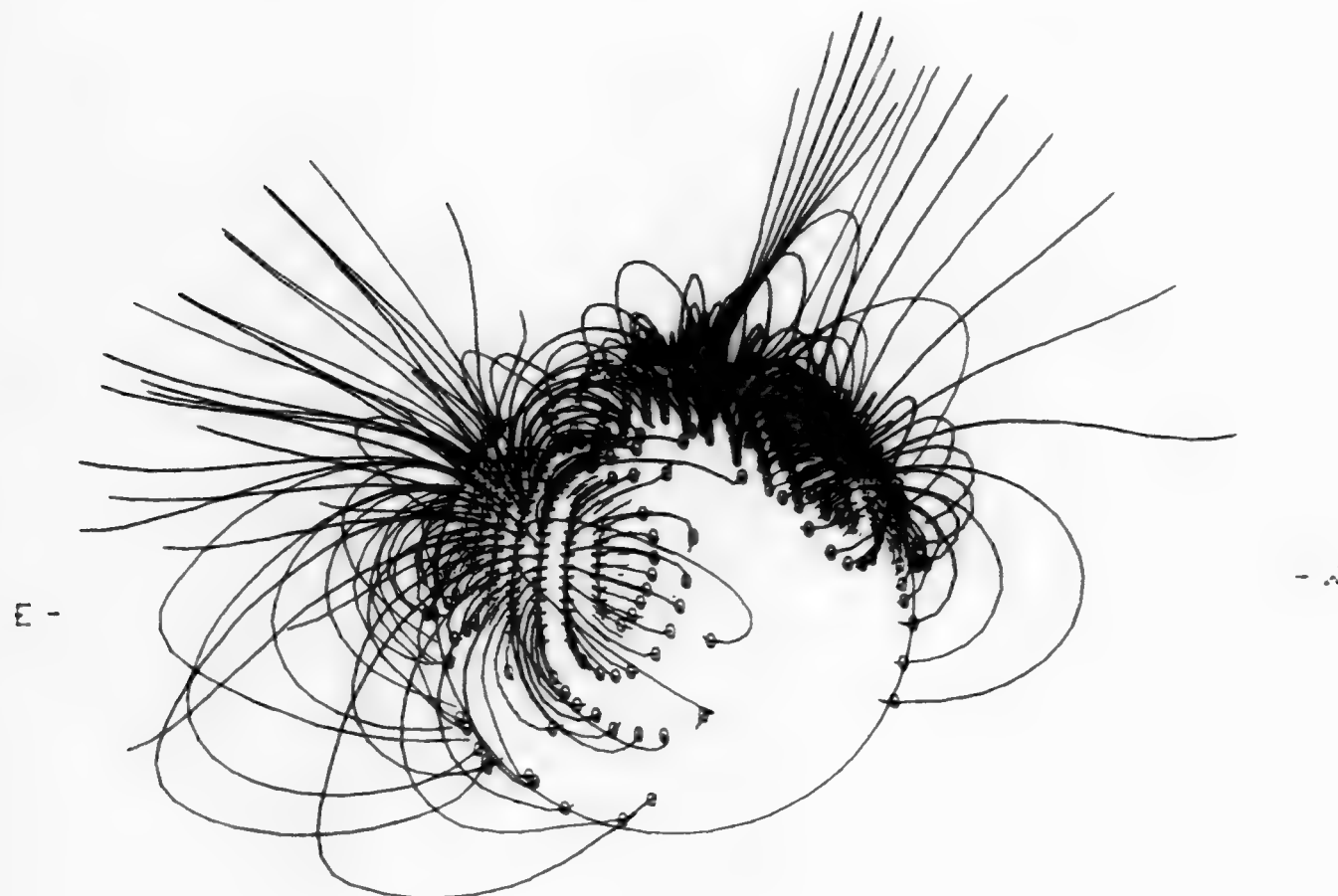
POLES AVERAGED

DATA WINDOW 1511.47

ROT. 15°E LONG. 240°

17.0 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

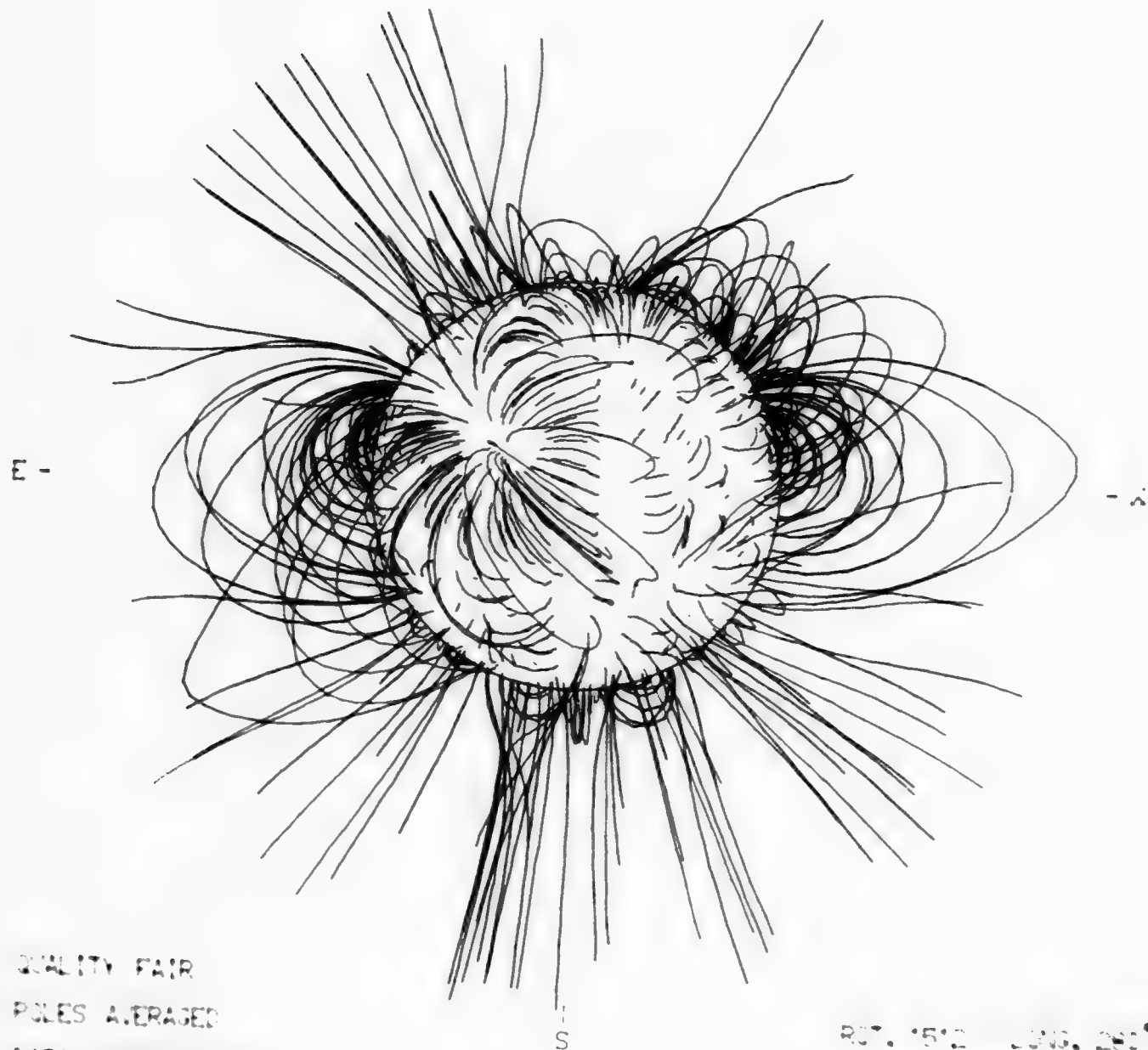
FILES AVERAGED

DATA WINDOW 1511.47

1
S

RCT. 1512 1013.141
17.1 SEP 1996

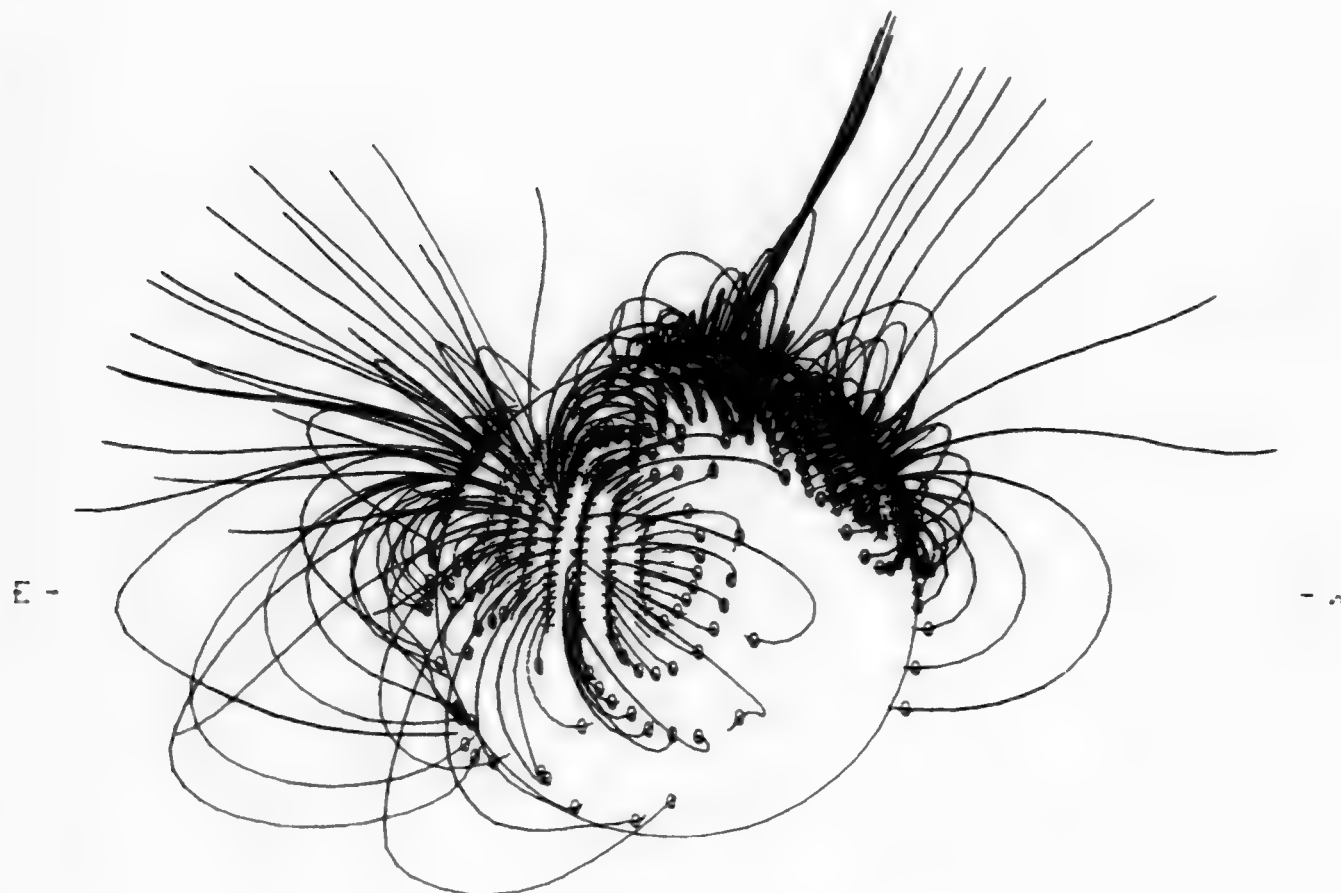
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1511.47

ROT. 15.2 LONG. 281°
17.8 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

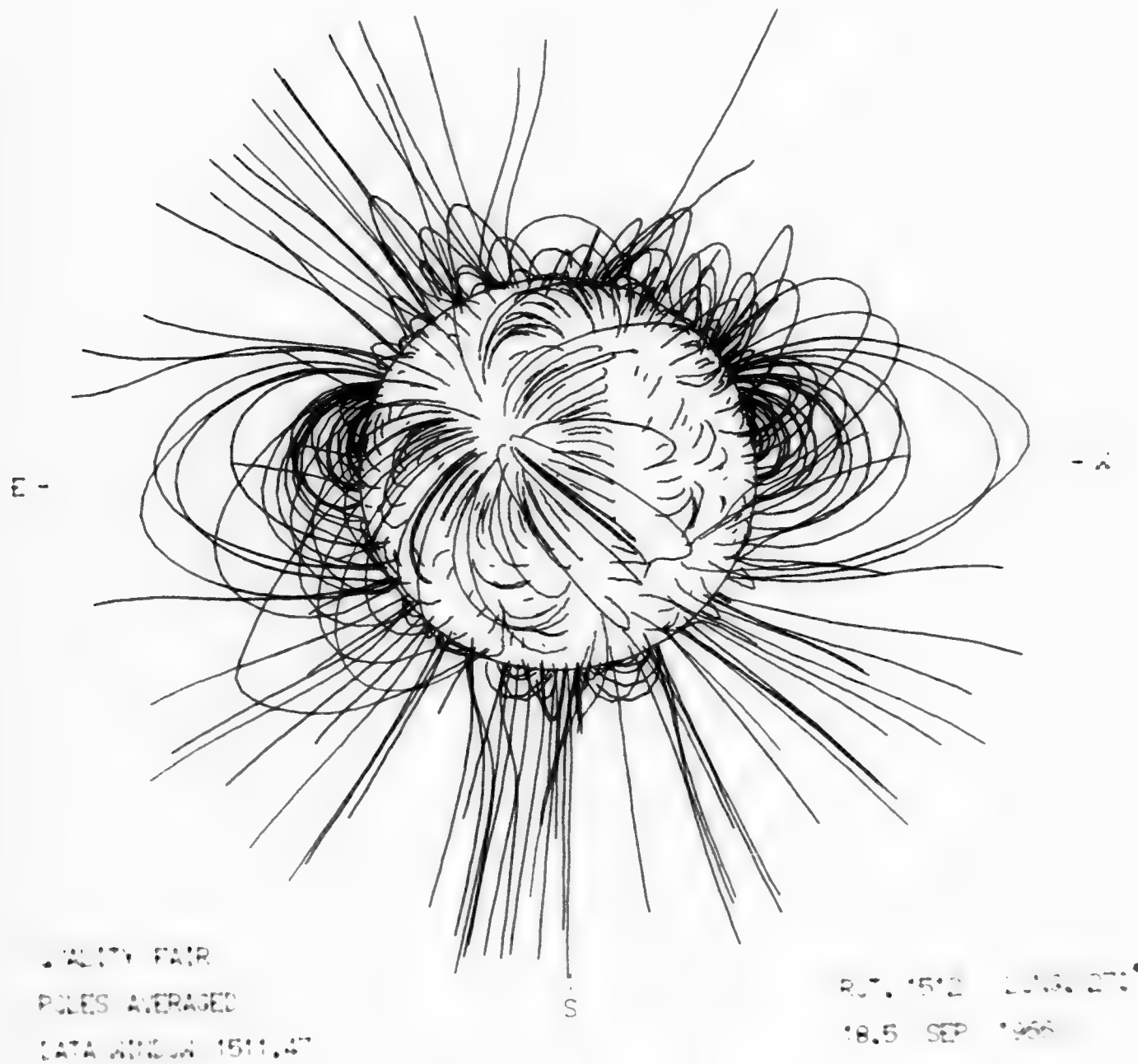
POLES AVERAGED

DATA WINDOW 1511.47

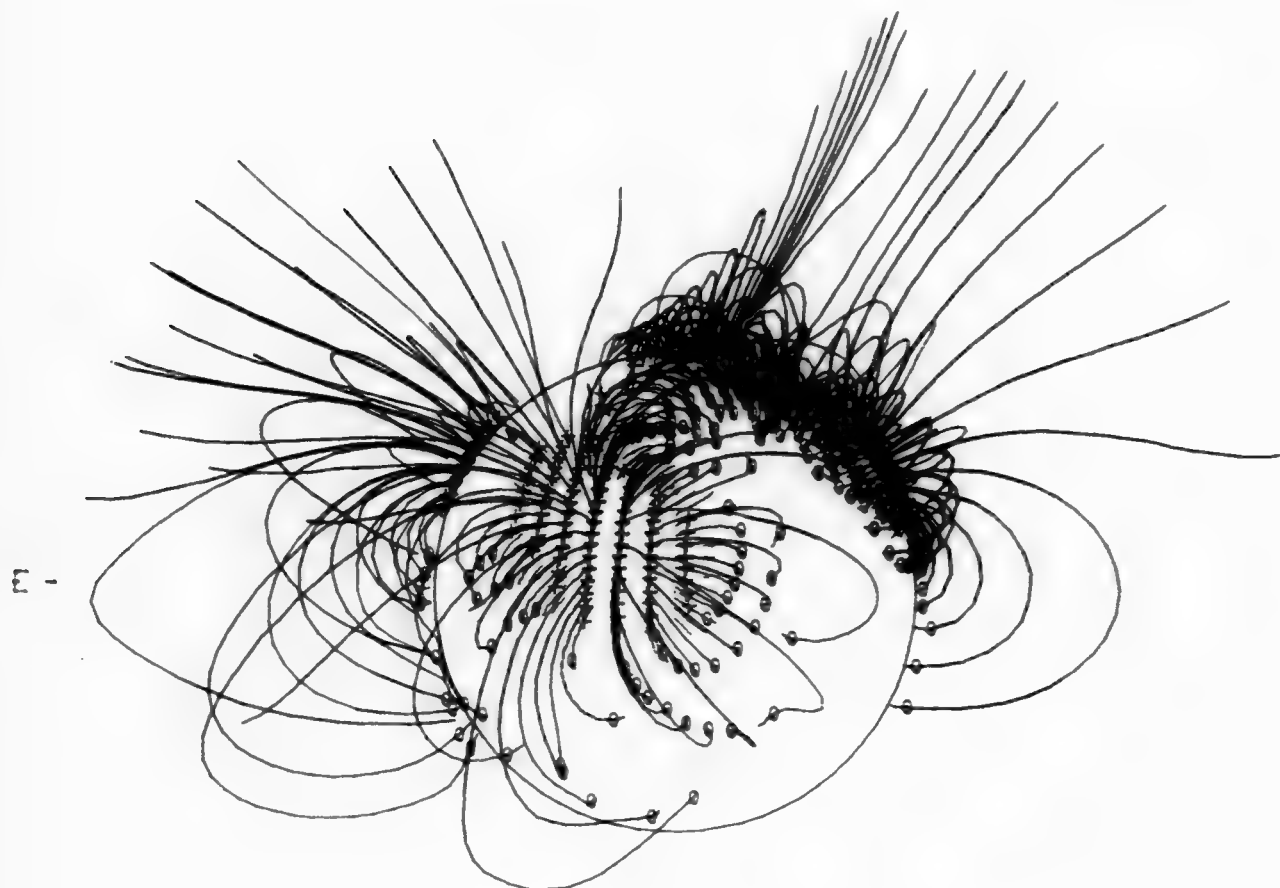
ROT. 15°2 0.10. 240°

17.8 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

PALES AVERAGES

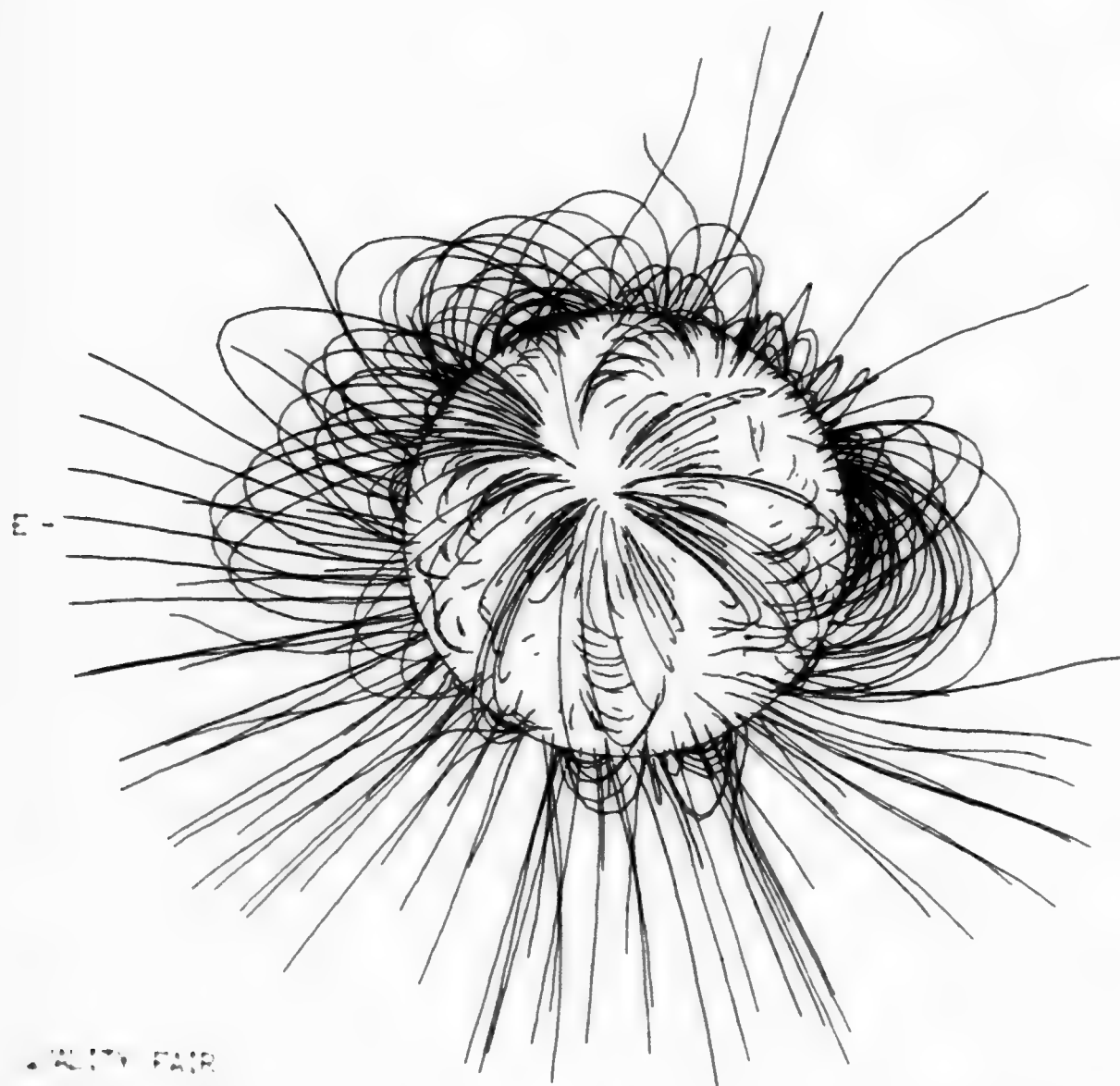
DATA WIND ON '511.47

1
5

RUT. '512 1010. 171°

'8.5 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 PIXELS AVERAGED
 DATA WINDOW 1512.00

RCT. 1512 2016.251
 15.3 80 1000

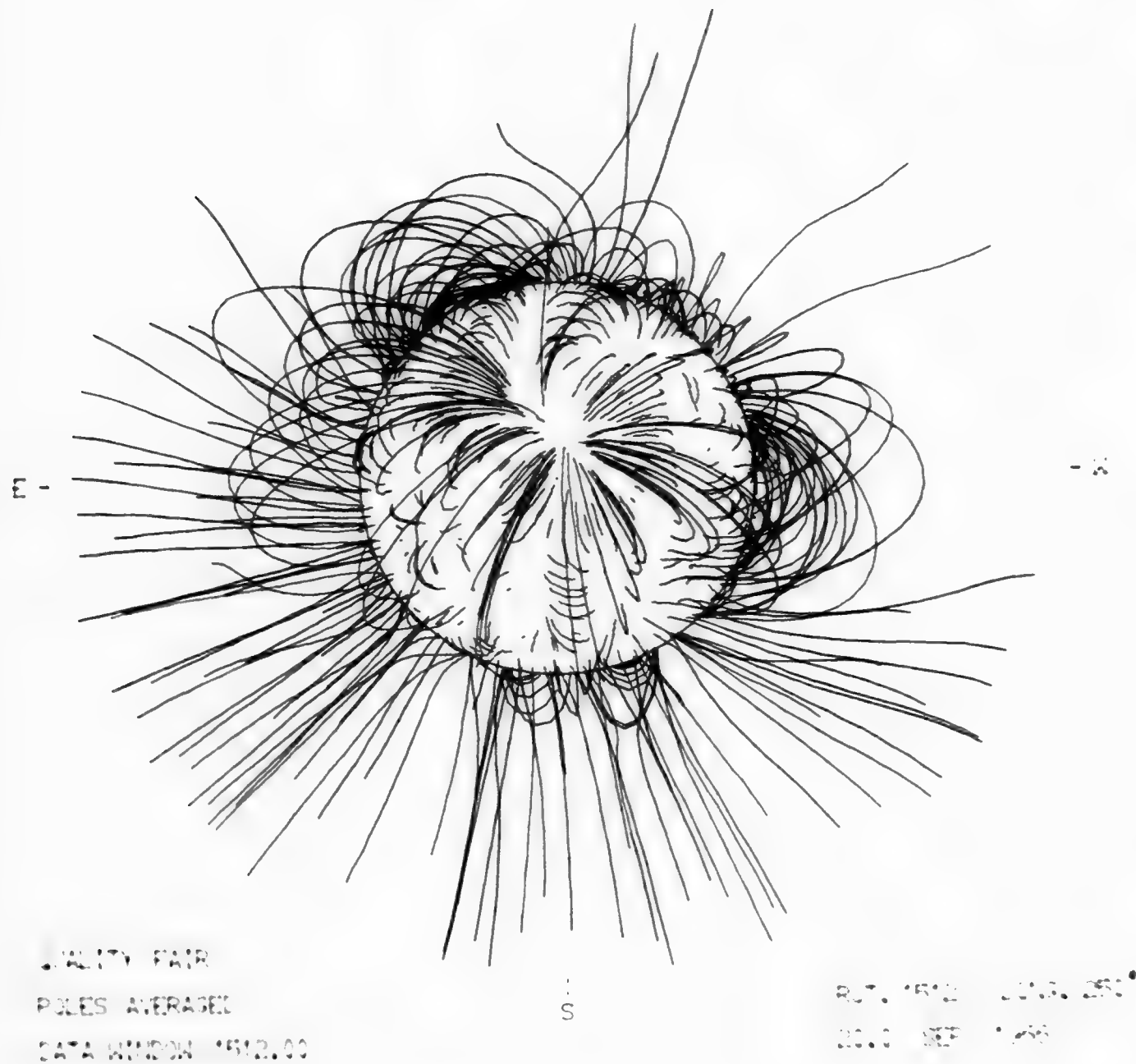
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



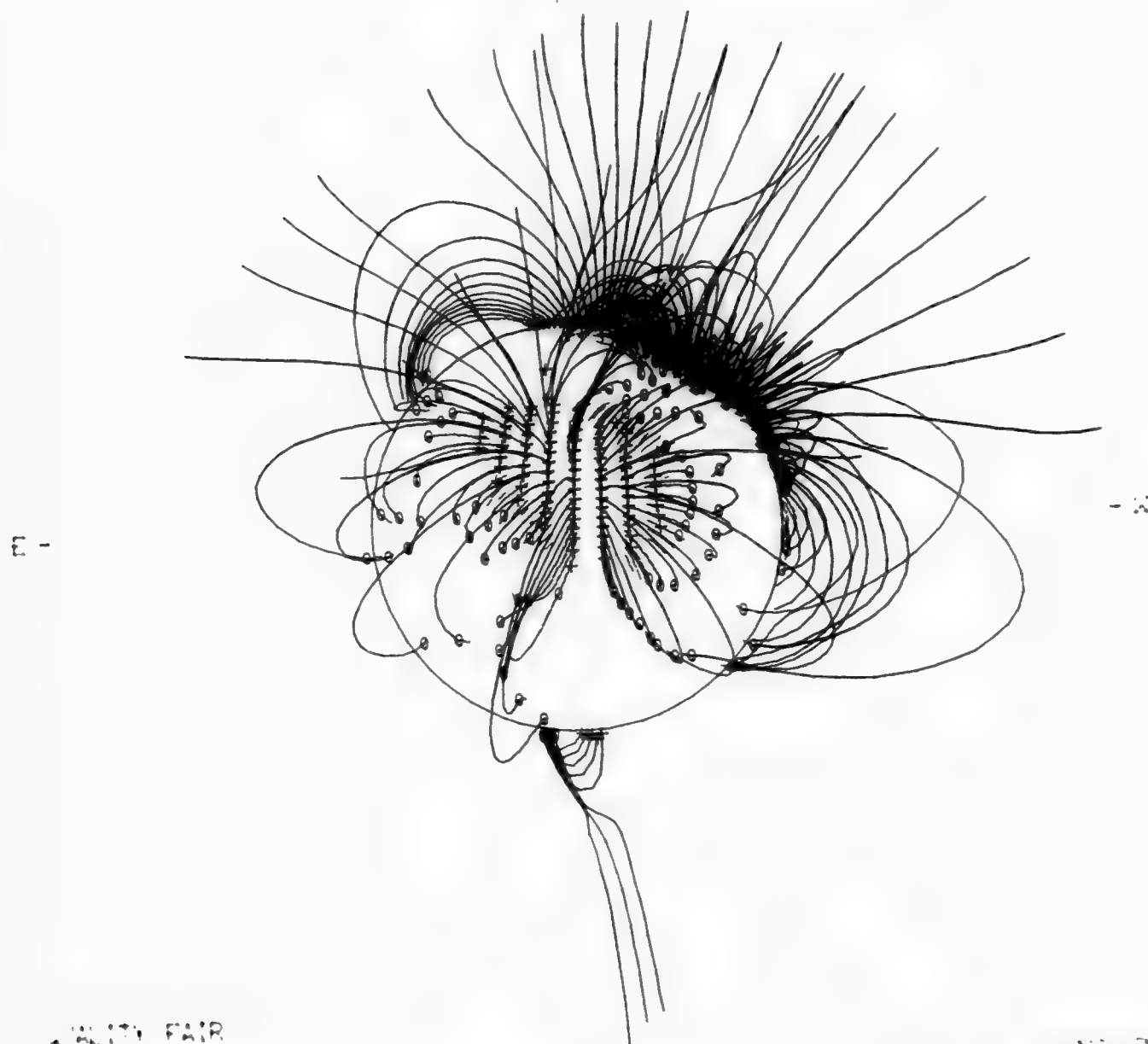
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1512.00

RLT. 1512 1000.000
19.3 SEP 1965

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



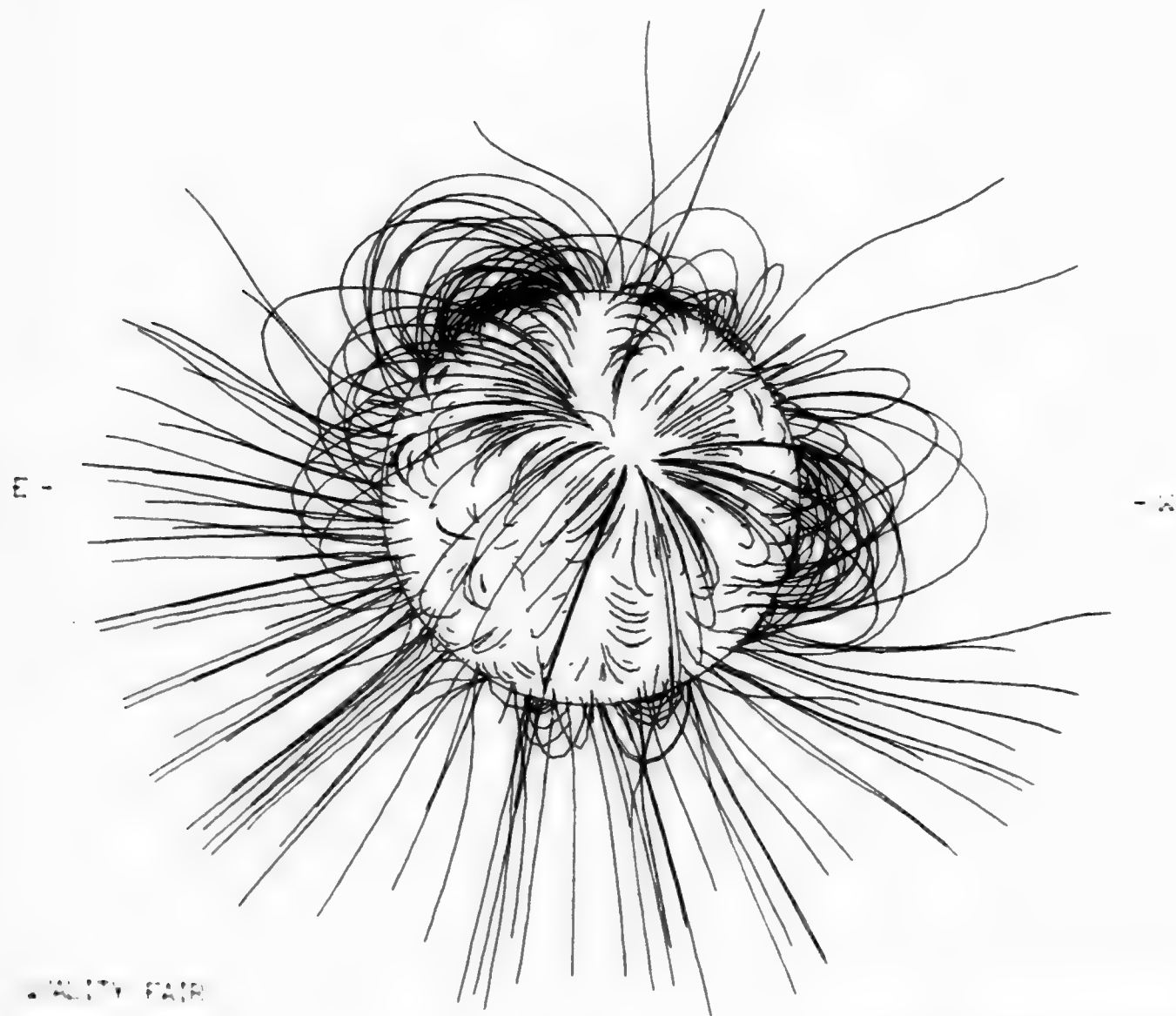
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1512.00

R.L.T. 1512 1110.251
 20.0 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



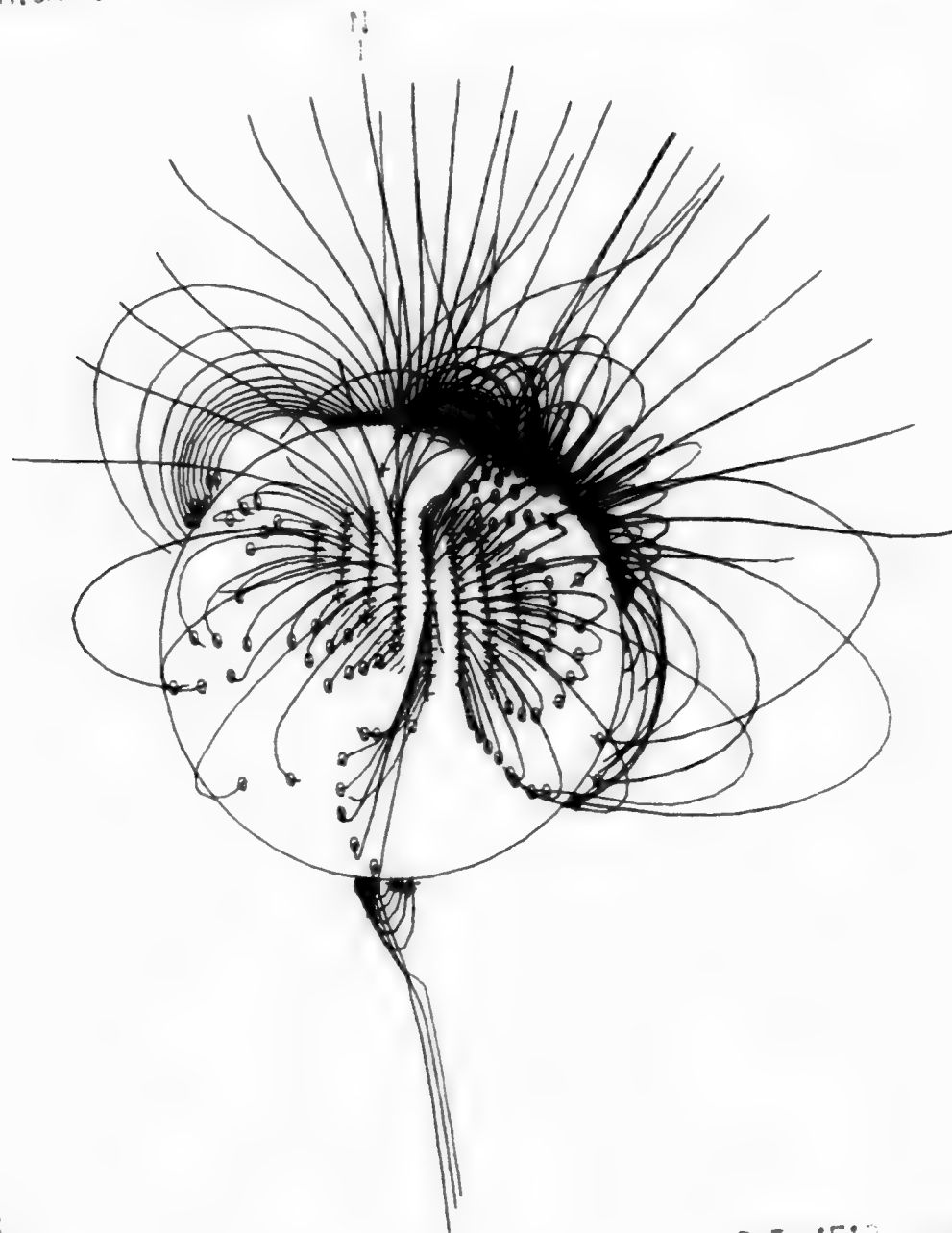
QUALITY FAIR
FILES AVERAGE
DATA WINDOW 1512.00

1
S

RCT. 1512.000
20.8 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

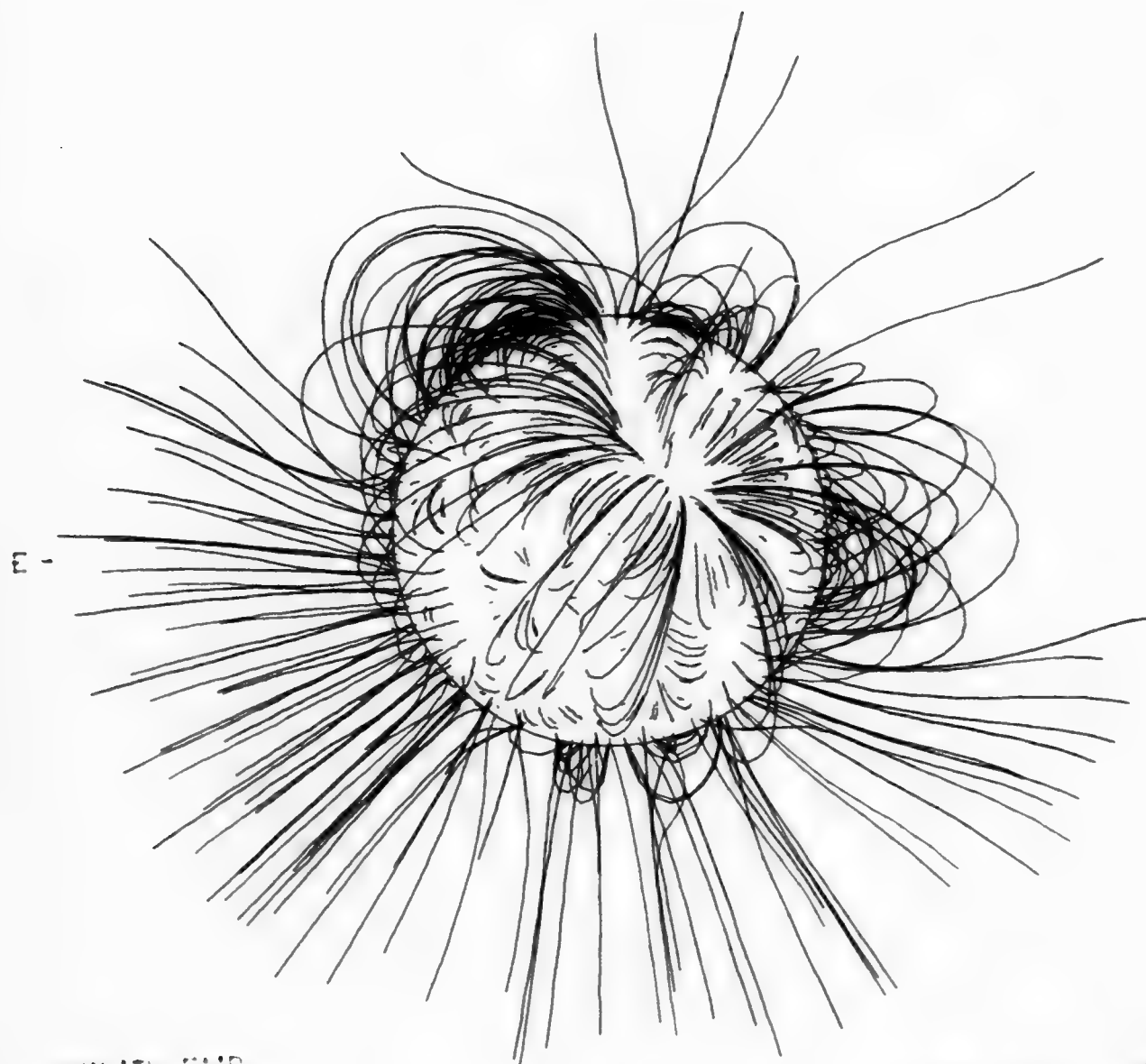


S

QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1512.00

R.T. 1512 L.O. 241°
20.8 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
FILES AVERAGED
DATA WINDOW 1512.00

R.T. 1512 2010.250
21.5 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

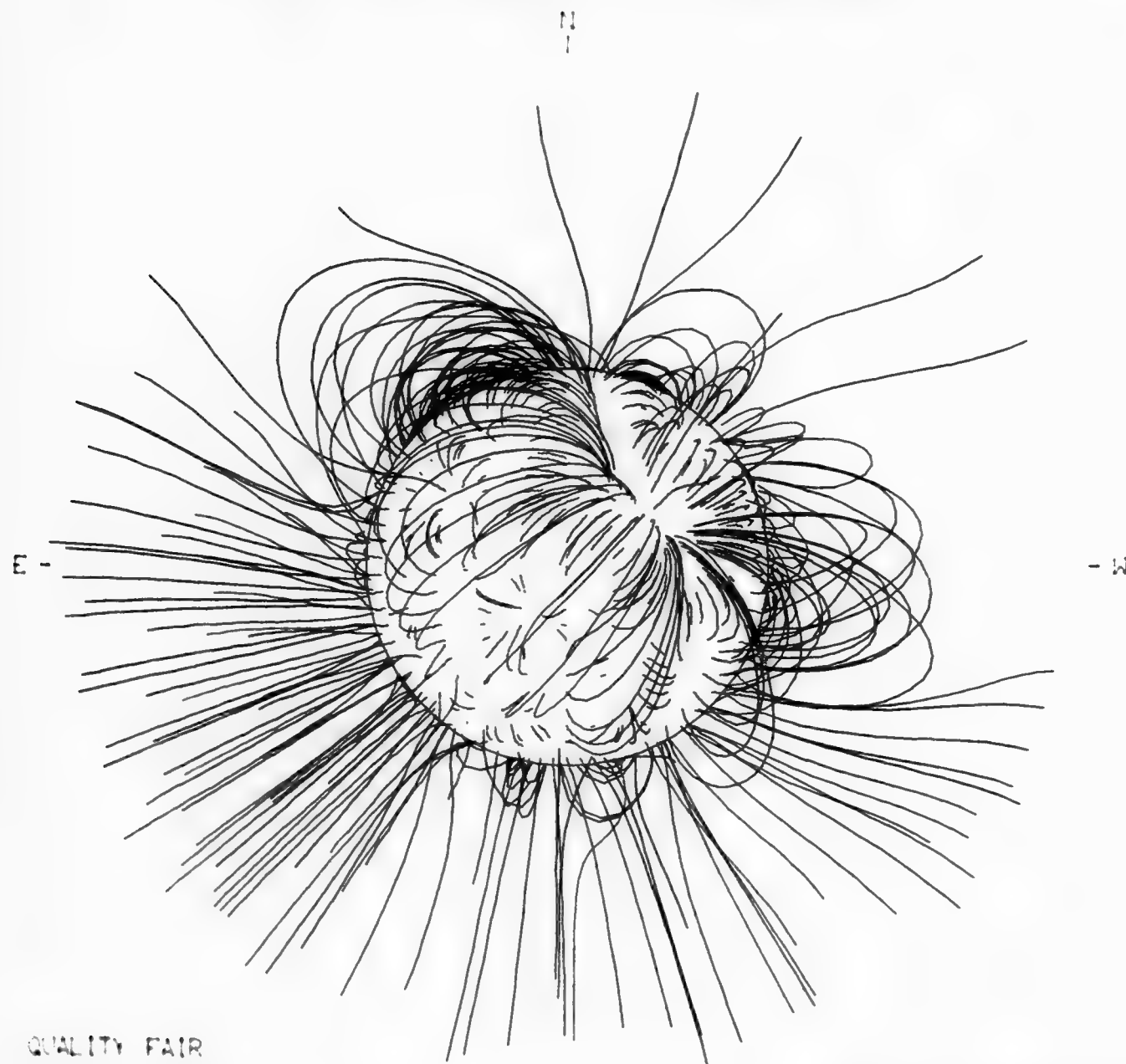
- 2



QUALITY FAIR
FILES AVERAGED
DATA WINDOW 1512.00

R.T. 1512 L.O.A. 135°
21.5 SEP 1994

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

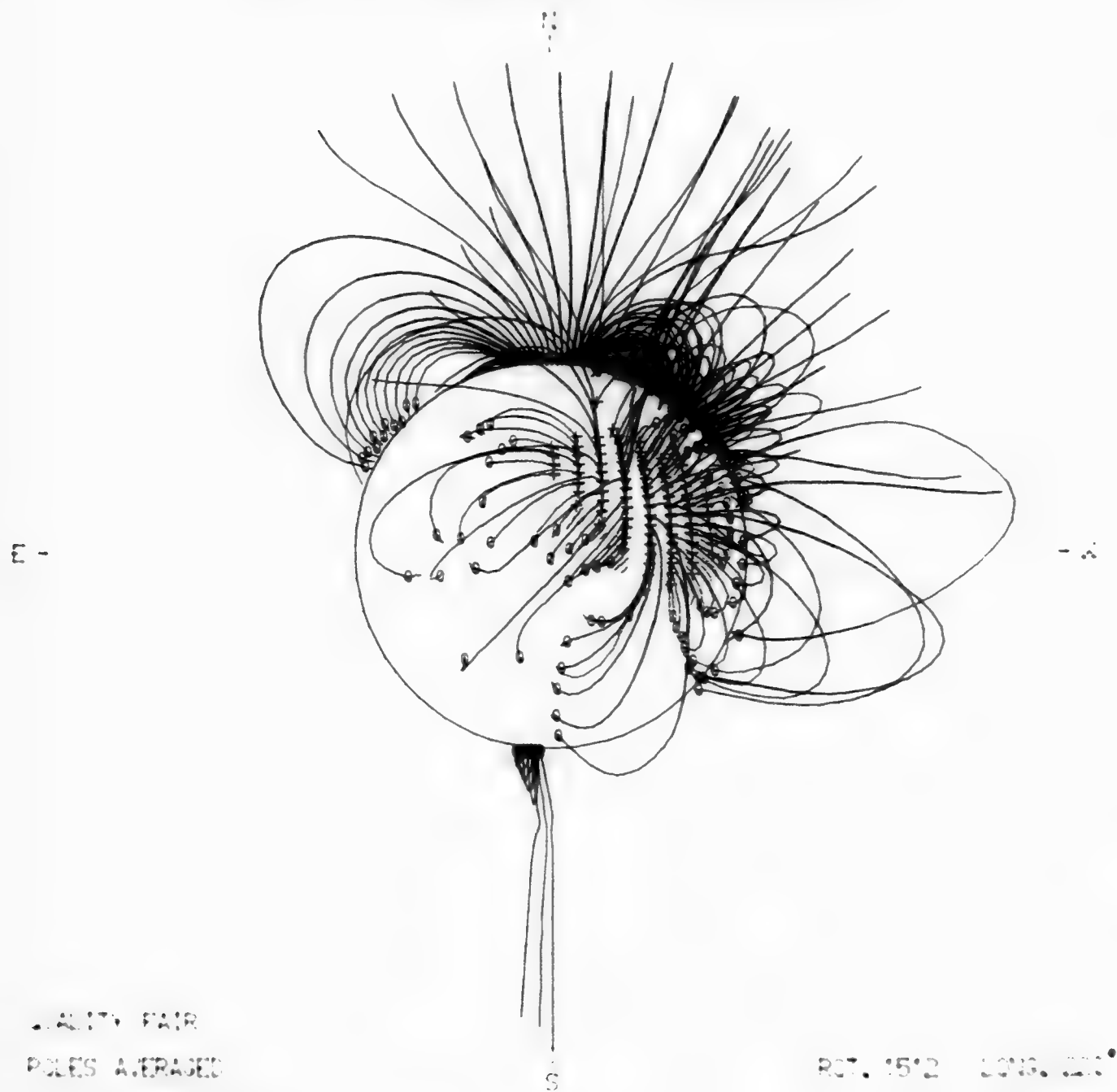
DATA WINDOW 1512.00

S

RCT. 1512 LONG. 220°

22.3 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



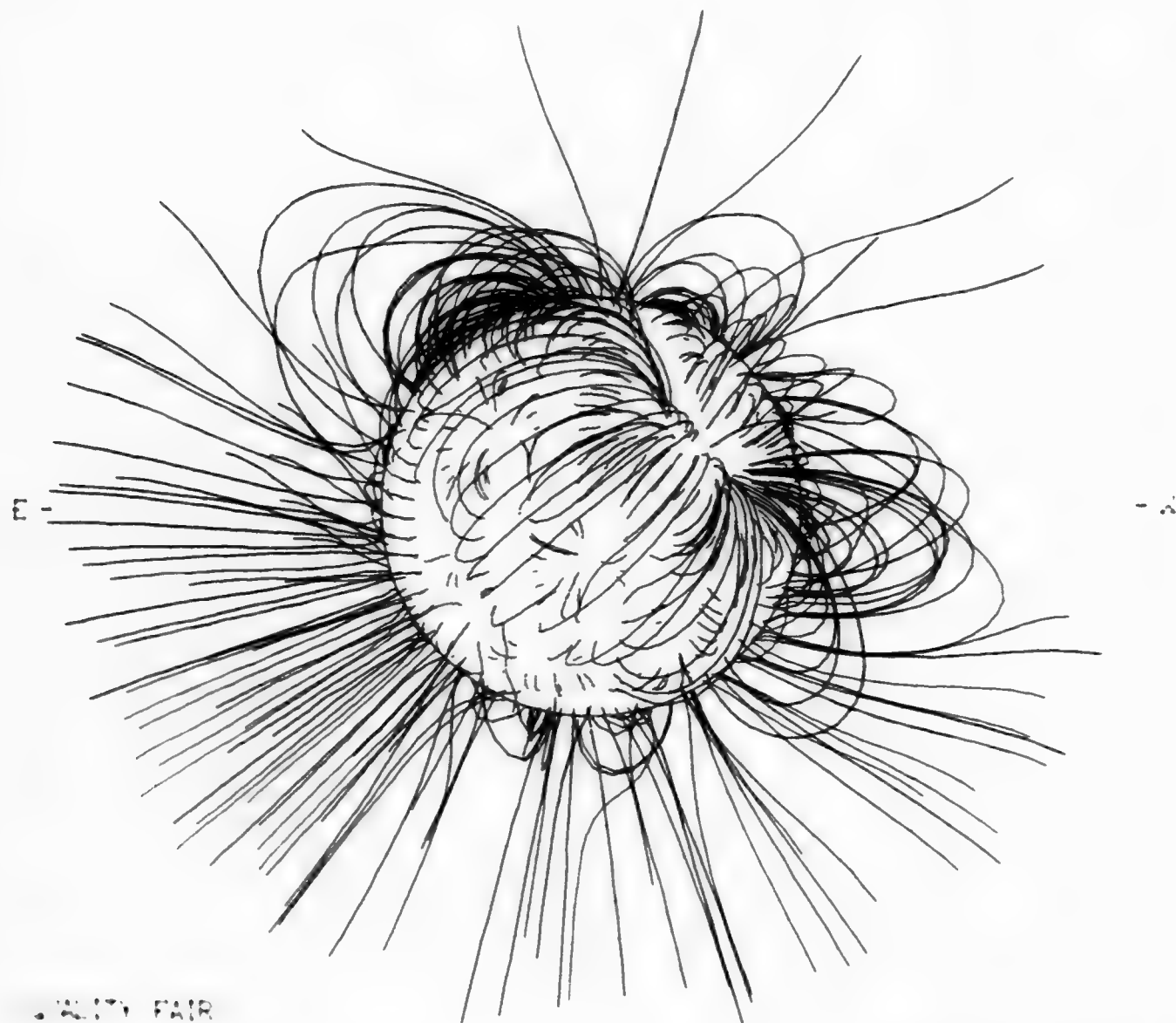
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1512.00

ROT. 15.2 LONG. 221°
22.3 SEP 1965

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1512.00

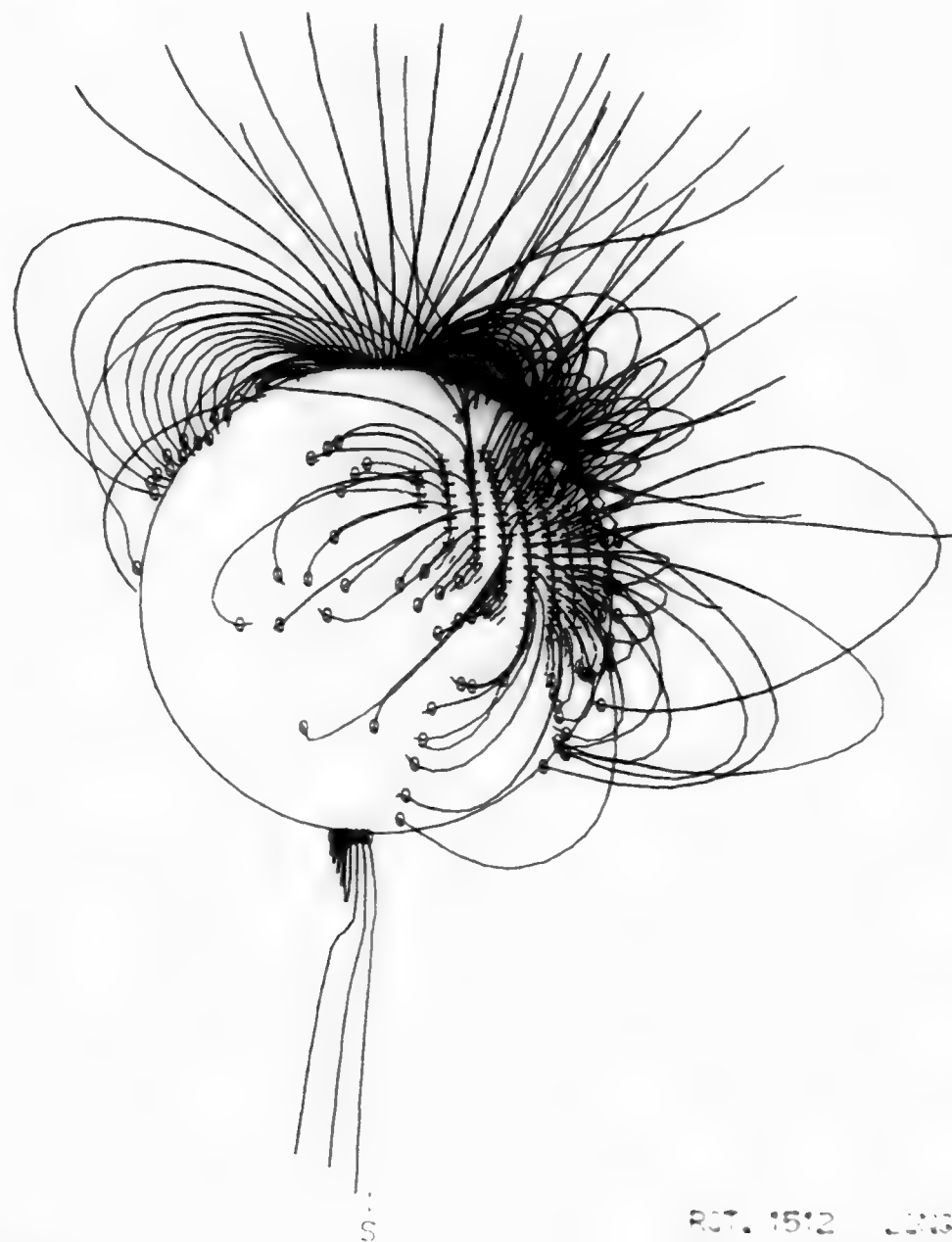
S

RUT. 1512 2013. 211

25.1 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

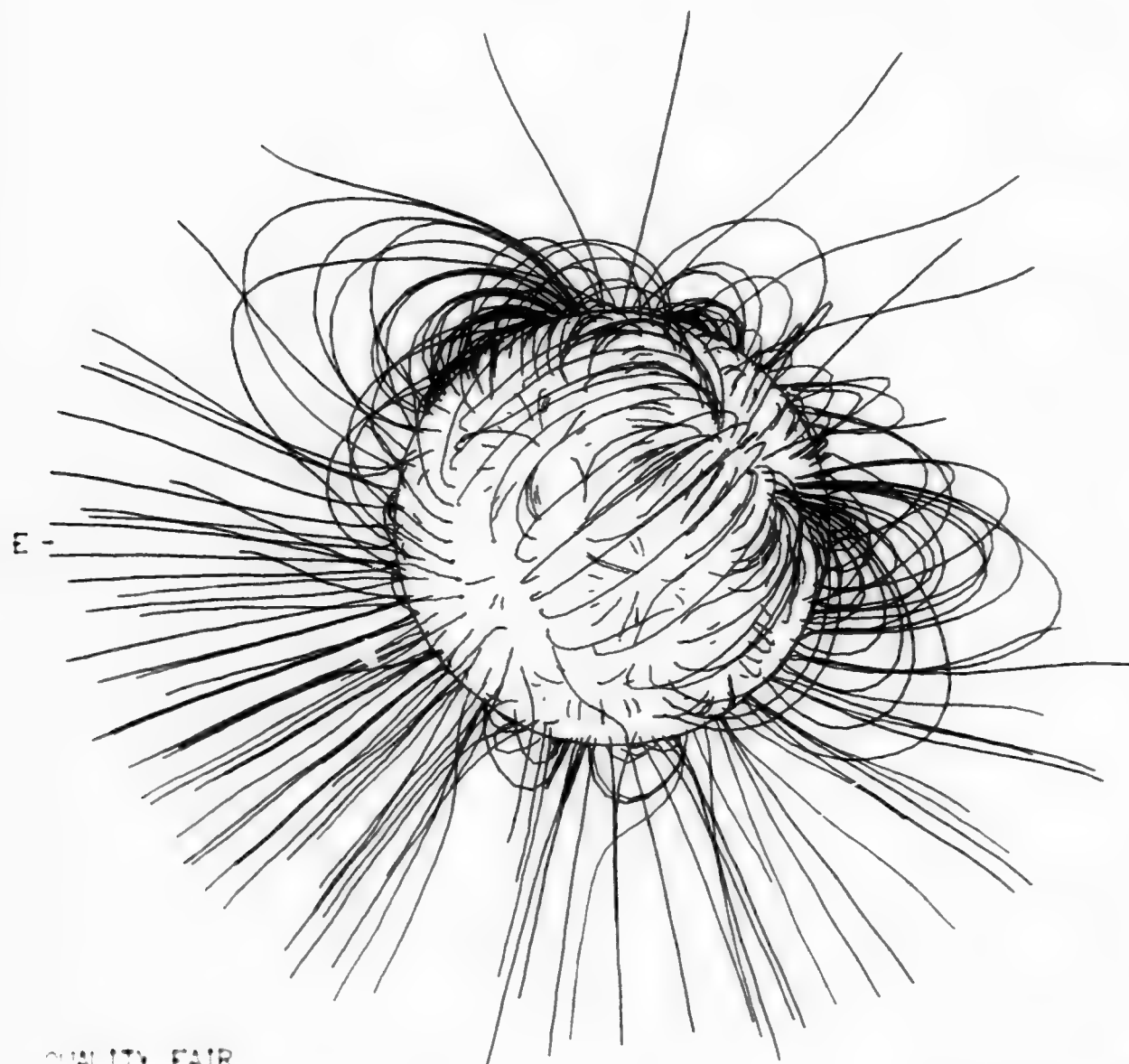
E -



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1512.00

ROT. 1512 LONG. 210°
23.1 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

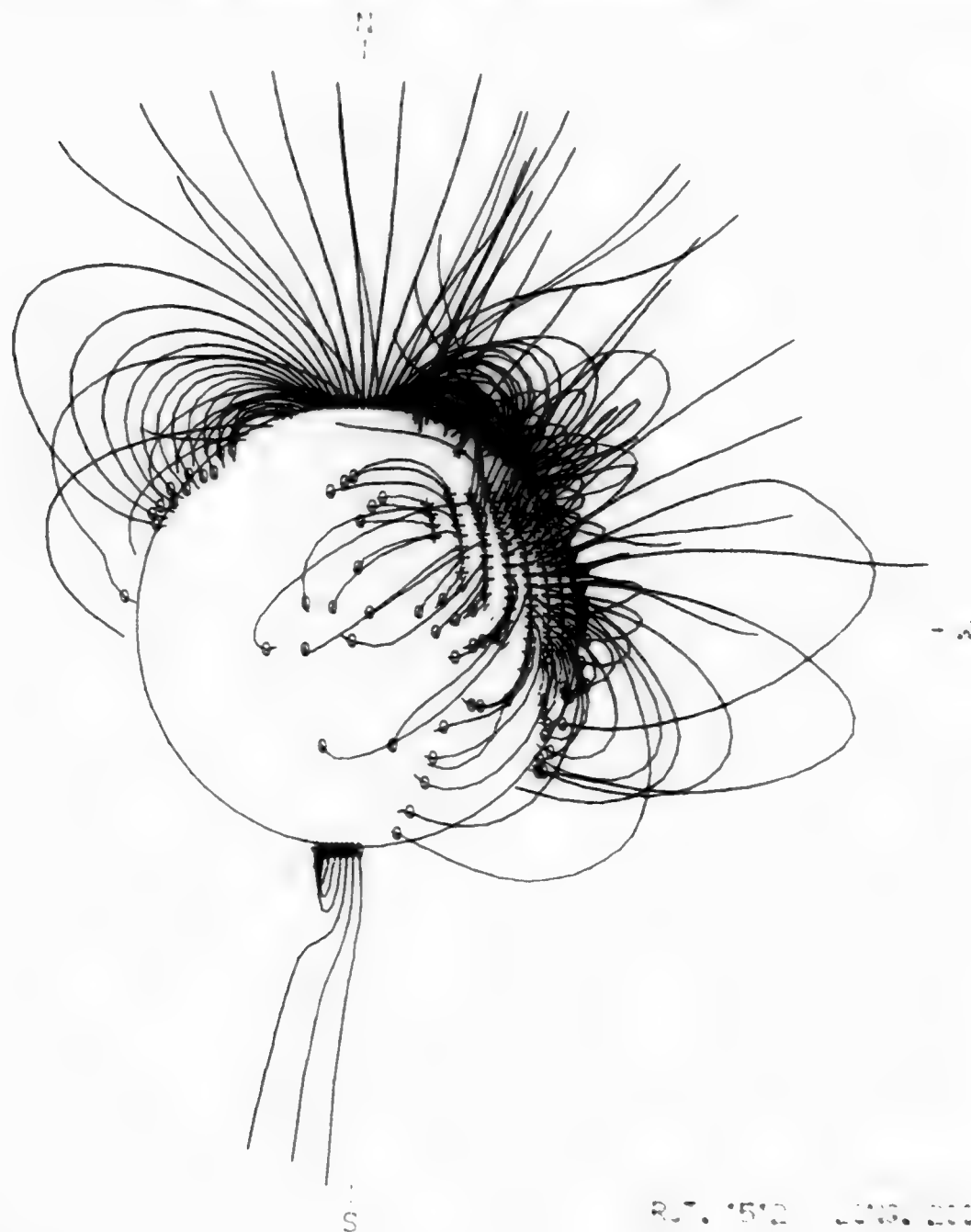
POLES AVERAGED

DATA WINDOW 1512.00

ROT. 15.2 2013.200°
23.8 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

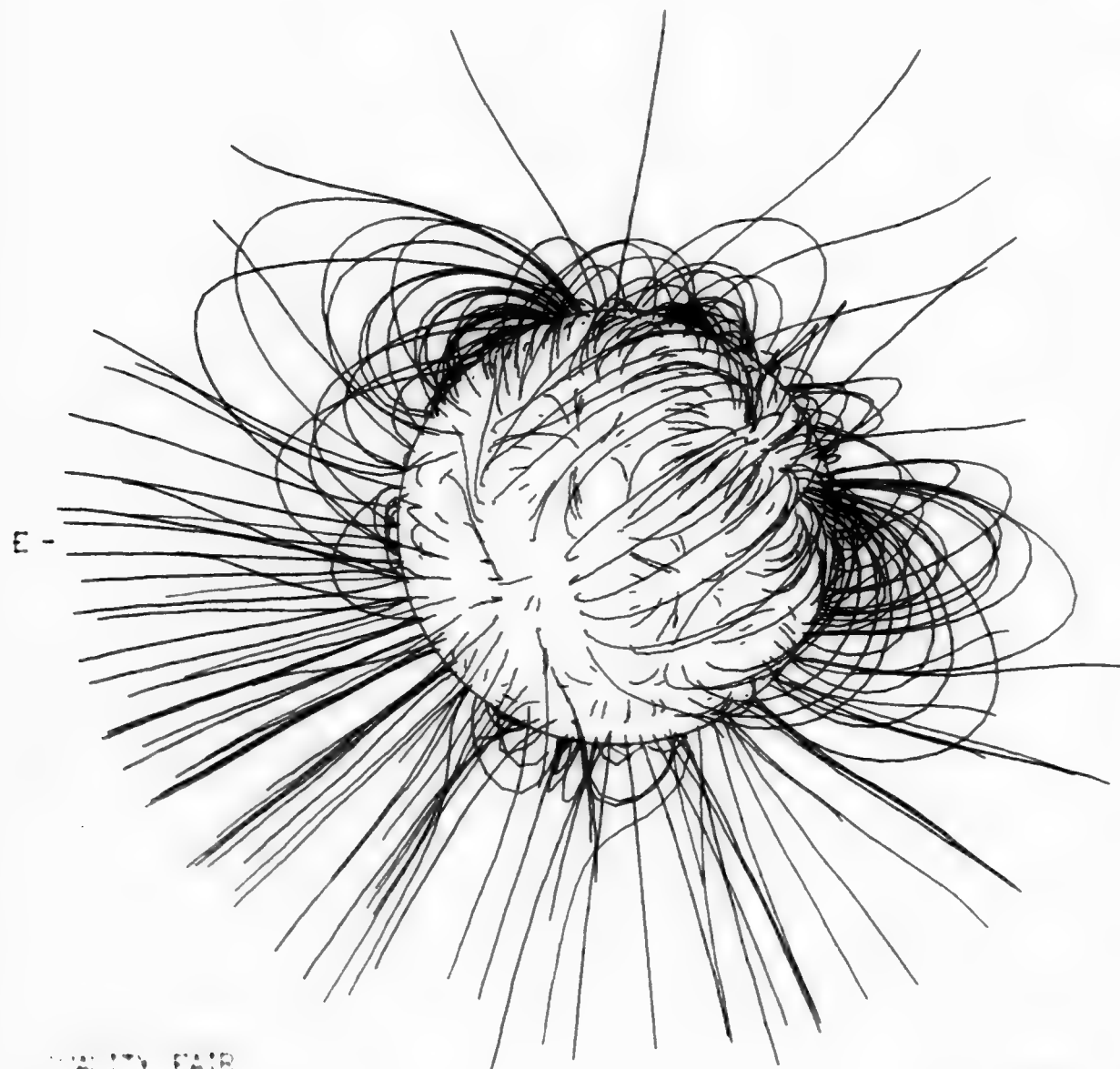
E -



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1512.00

R.T. 1512 1015.000
23.8 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 RULES AVERAGED
 DATA WIND IN 1512.00

1
 S

RUT. 1512 LING. 1512
 24.5 SEP 1955

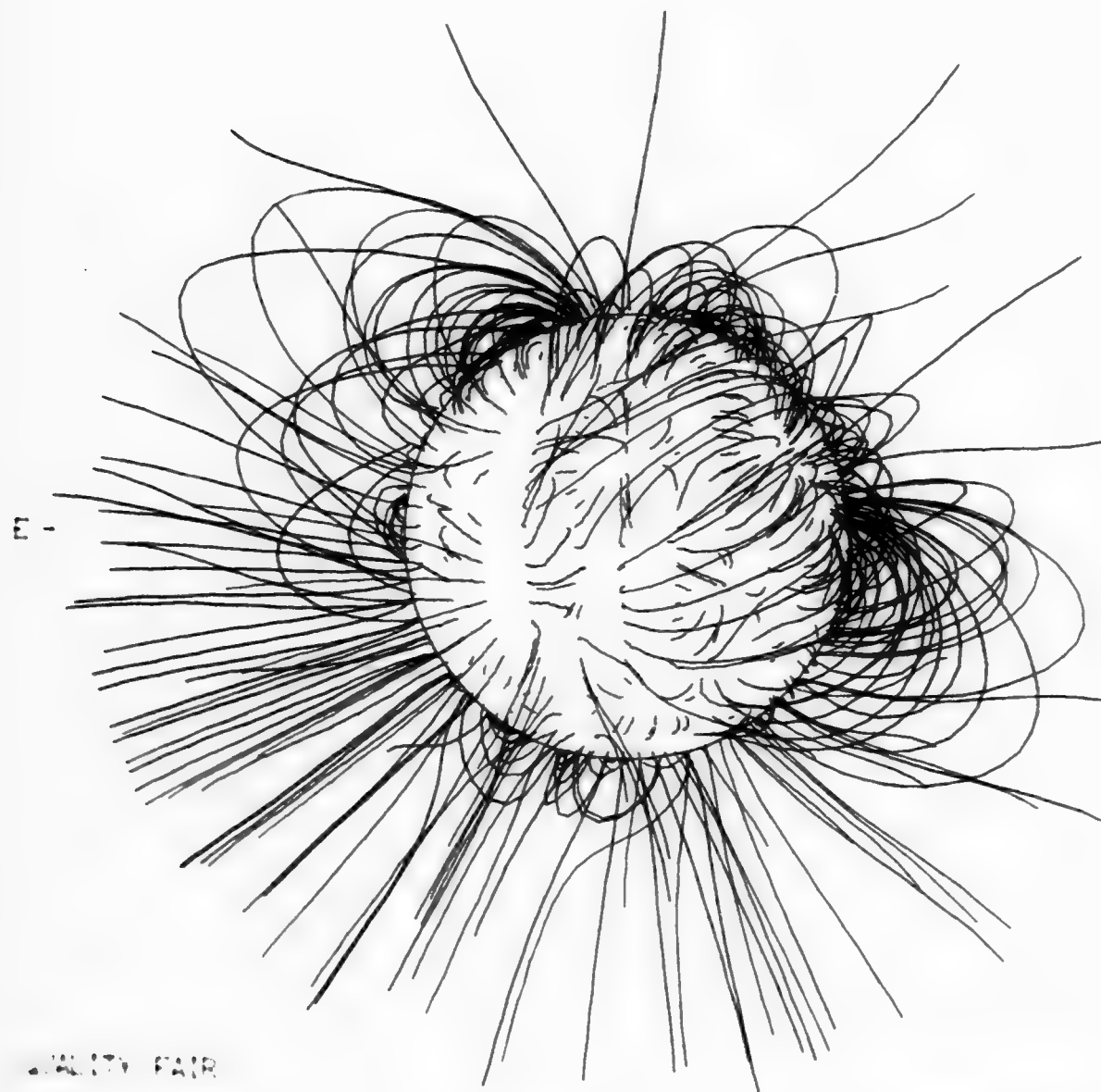
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1512.00

RUT. '512 1110. '512
24.6 SEP 1996

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1512.00

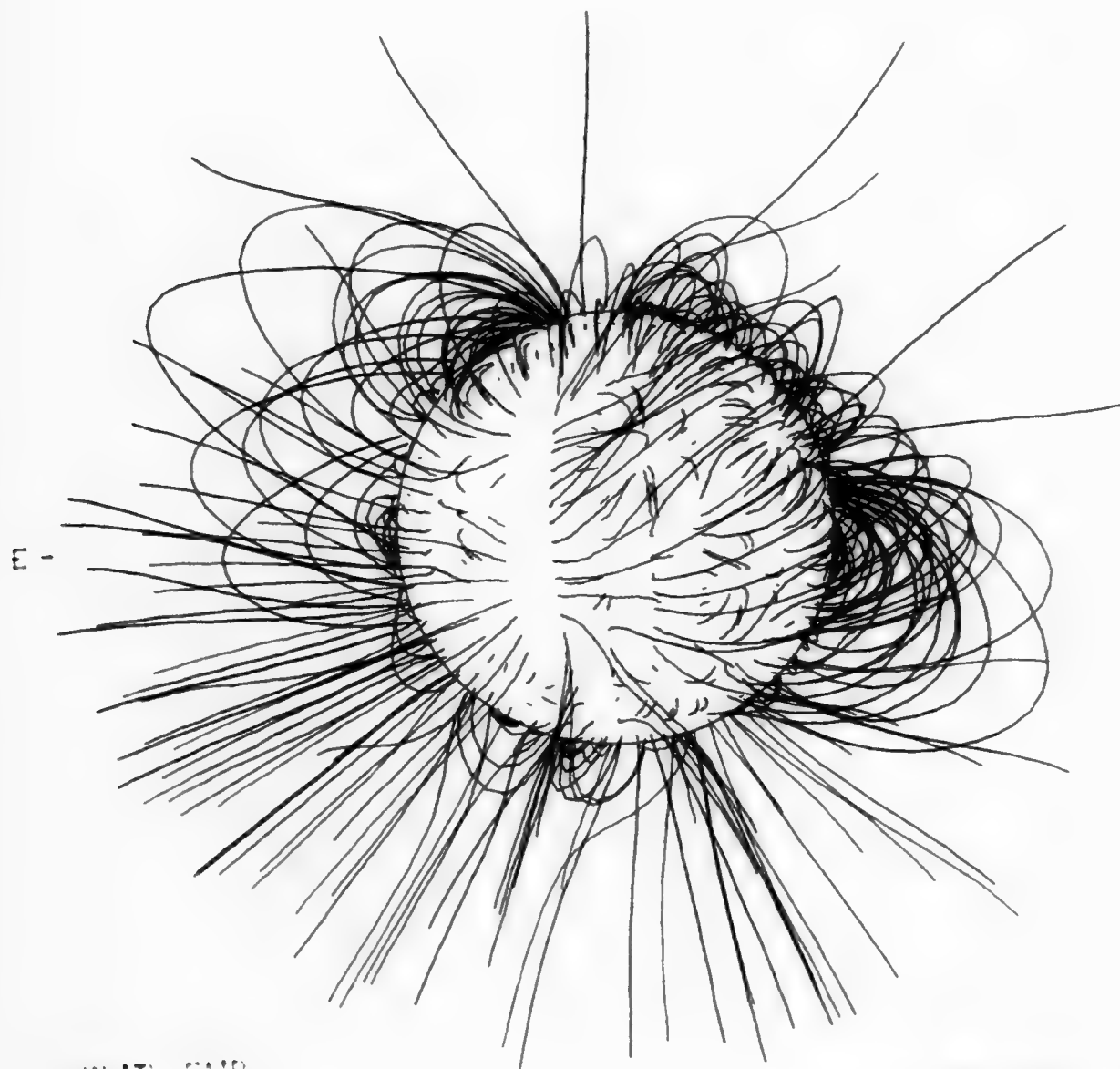
RCT. '512 LOTS. '81°

25.3 SEP 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

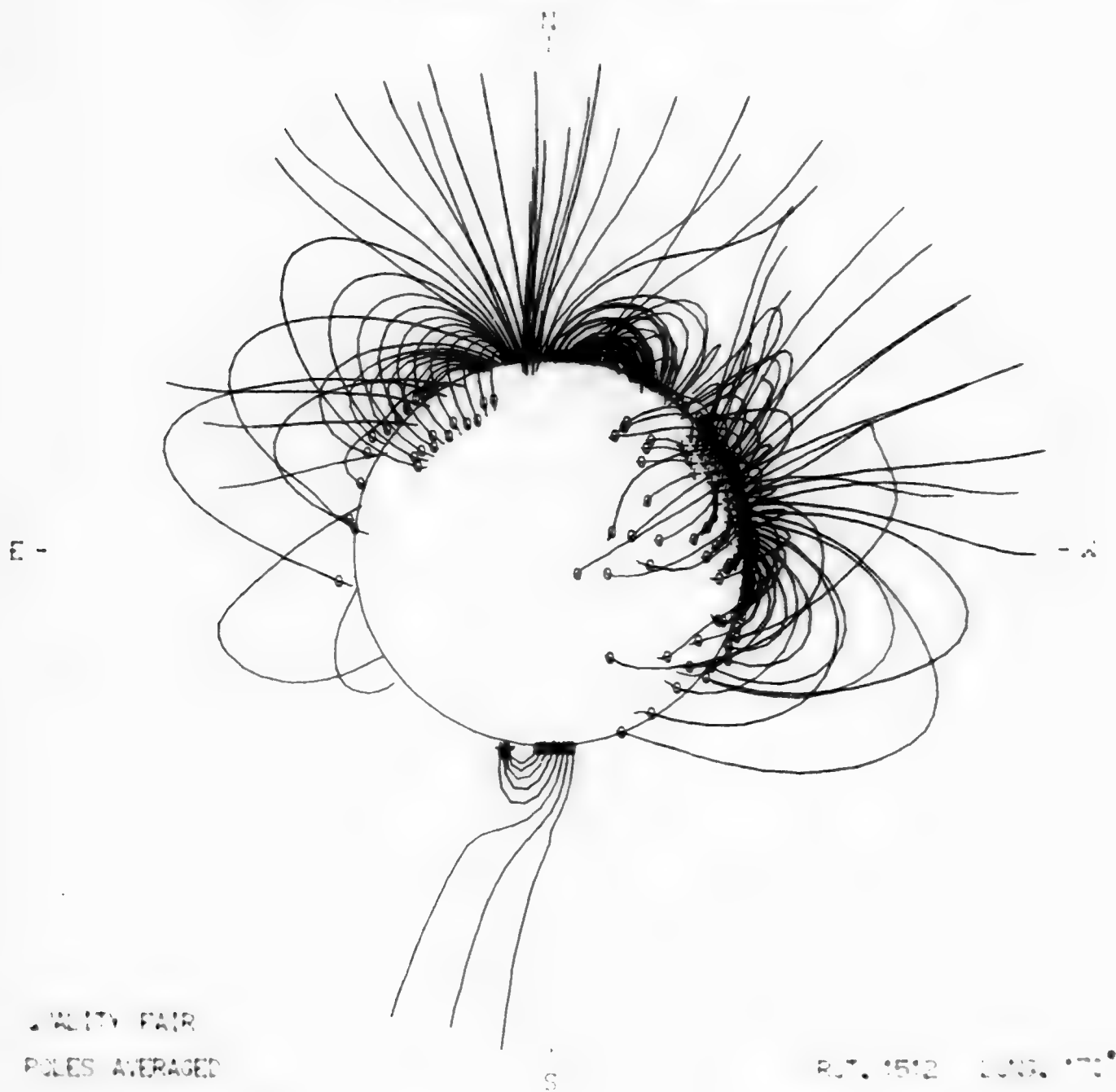


QUALITY FAIR
POLES AVERAGE
DATA WINDOW 1512.00

S

ROT. 1512 LONG. 171°
26.1 SEP 1986

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



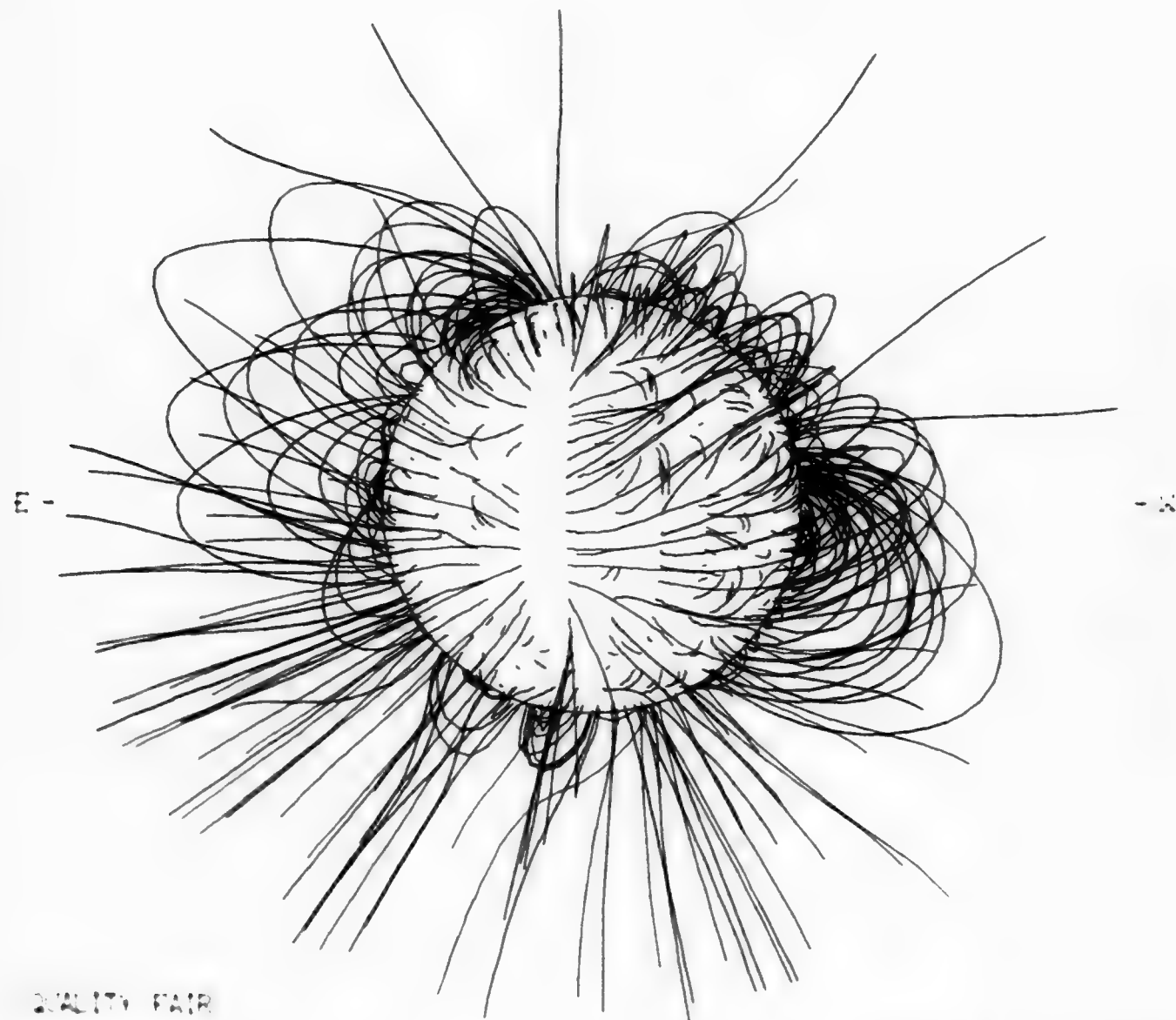
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1512.00

RUT. 1512 LONG. 170°
26.1 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

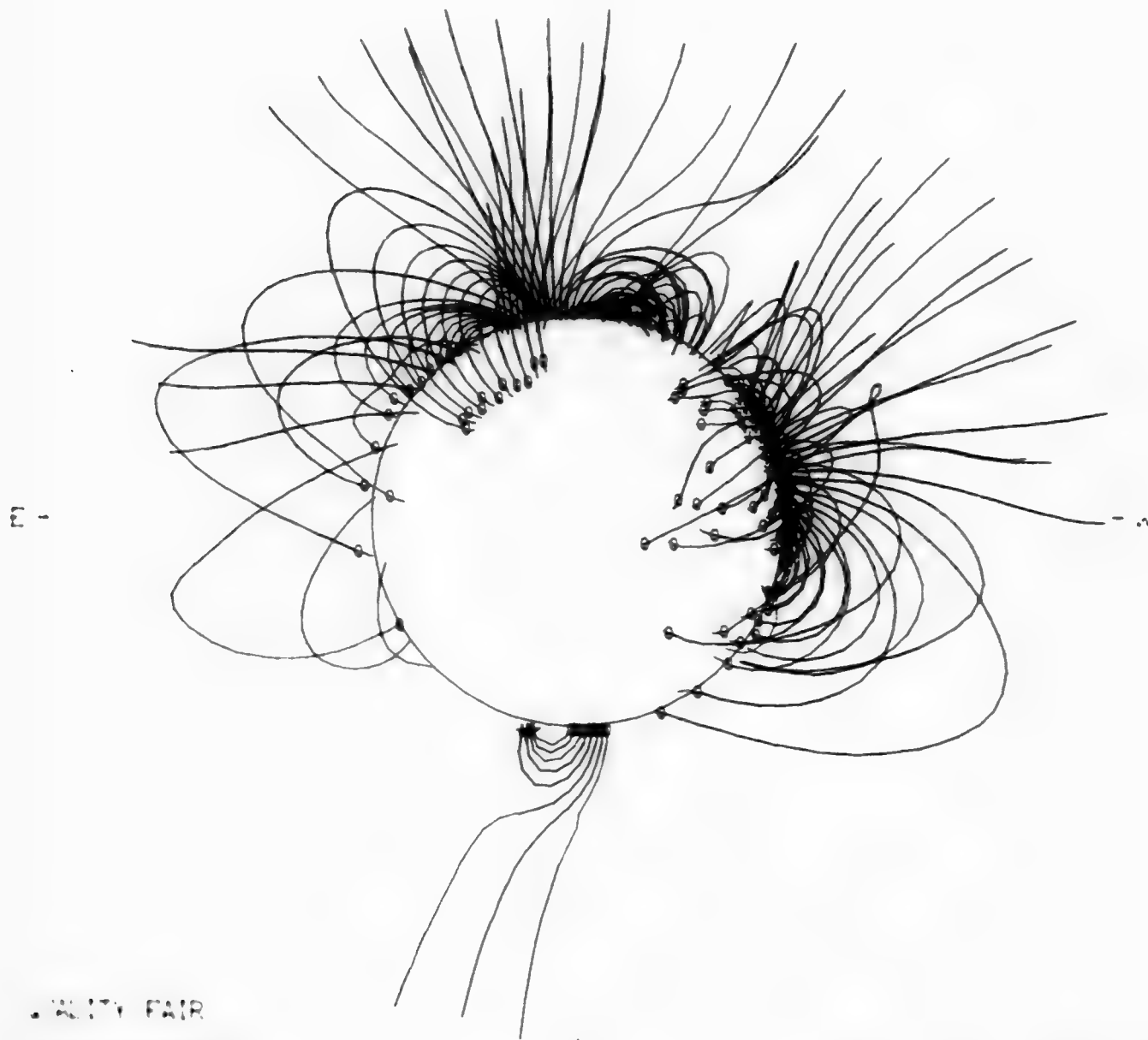
PULSES AVERAGED

DATA WINDOW 1512.00

RCT. 1512 LONG. 161°

26.8 SEP 1965

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

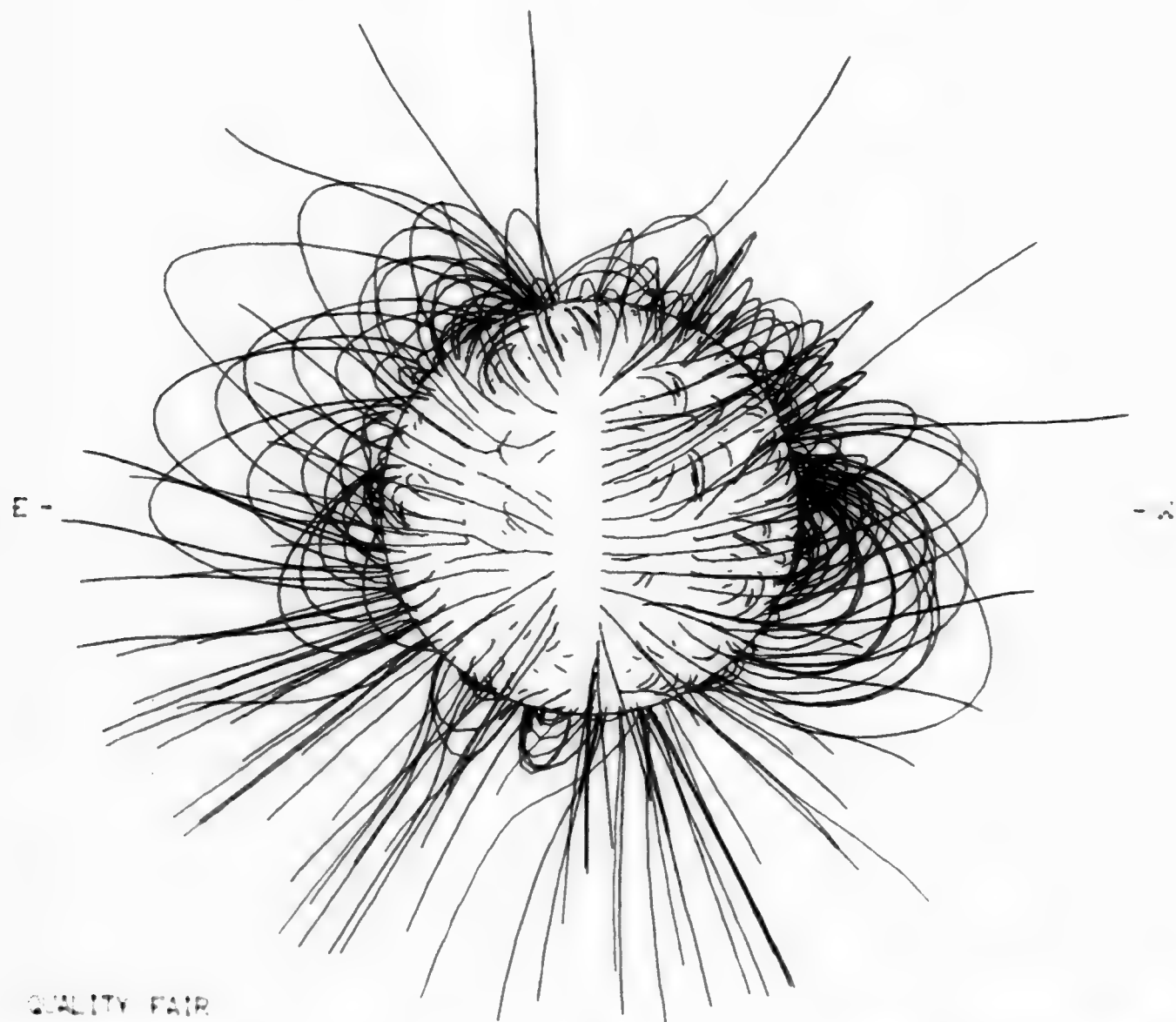
FILES AVERAGED

DATA WINDOW 1512.00

RCT. 1512 LONG. 161°

26.8 SEP 1965

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

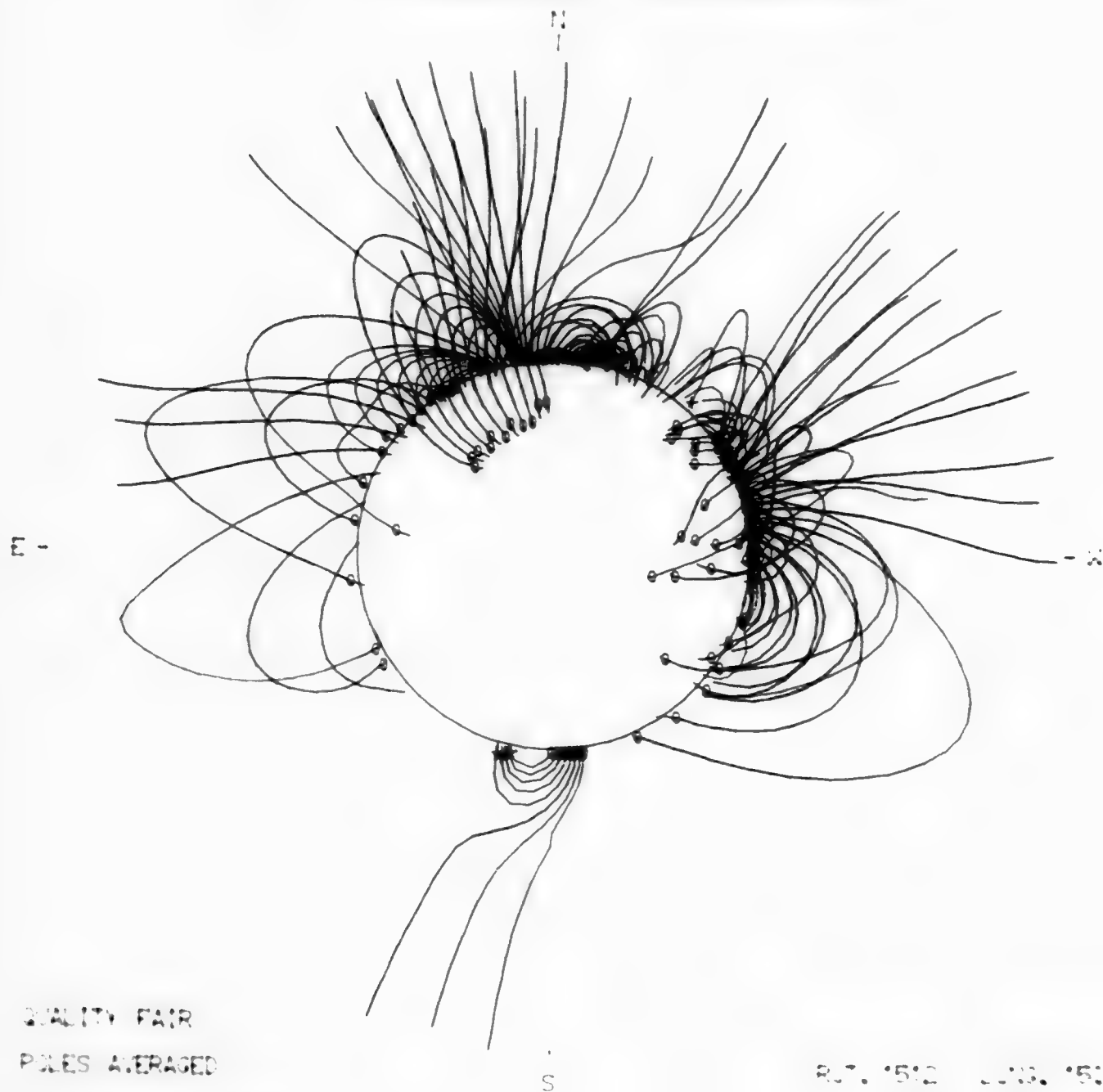
DATA WINDOW 1512.00

S

ROT. 1512 LONG. 1512

27.6 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



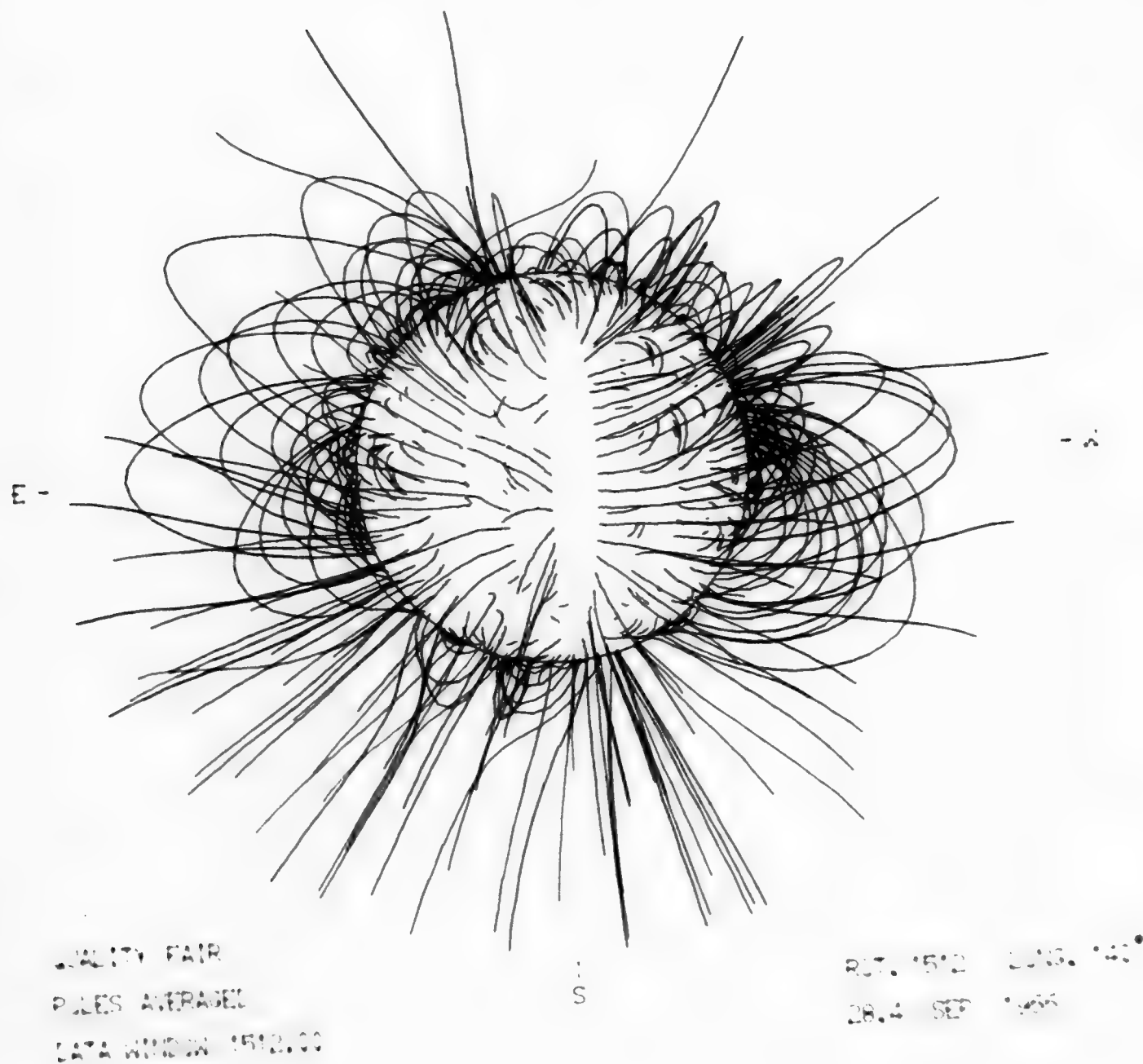
QUALITY FAIR

POLES AVERAGED

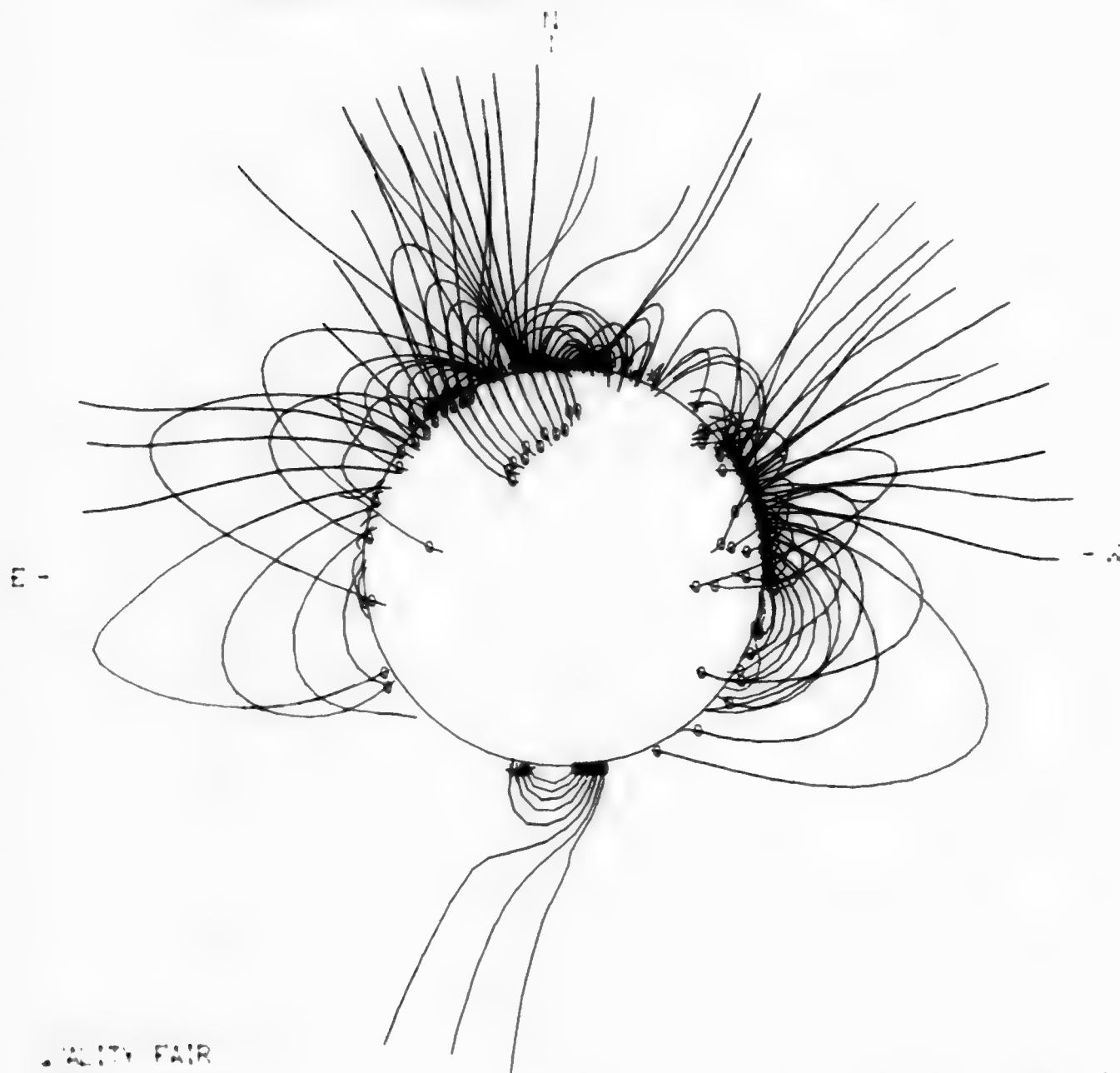
DATA WINDOW 1512.00

RUT. 1512 LING. 1512
27.6 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



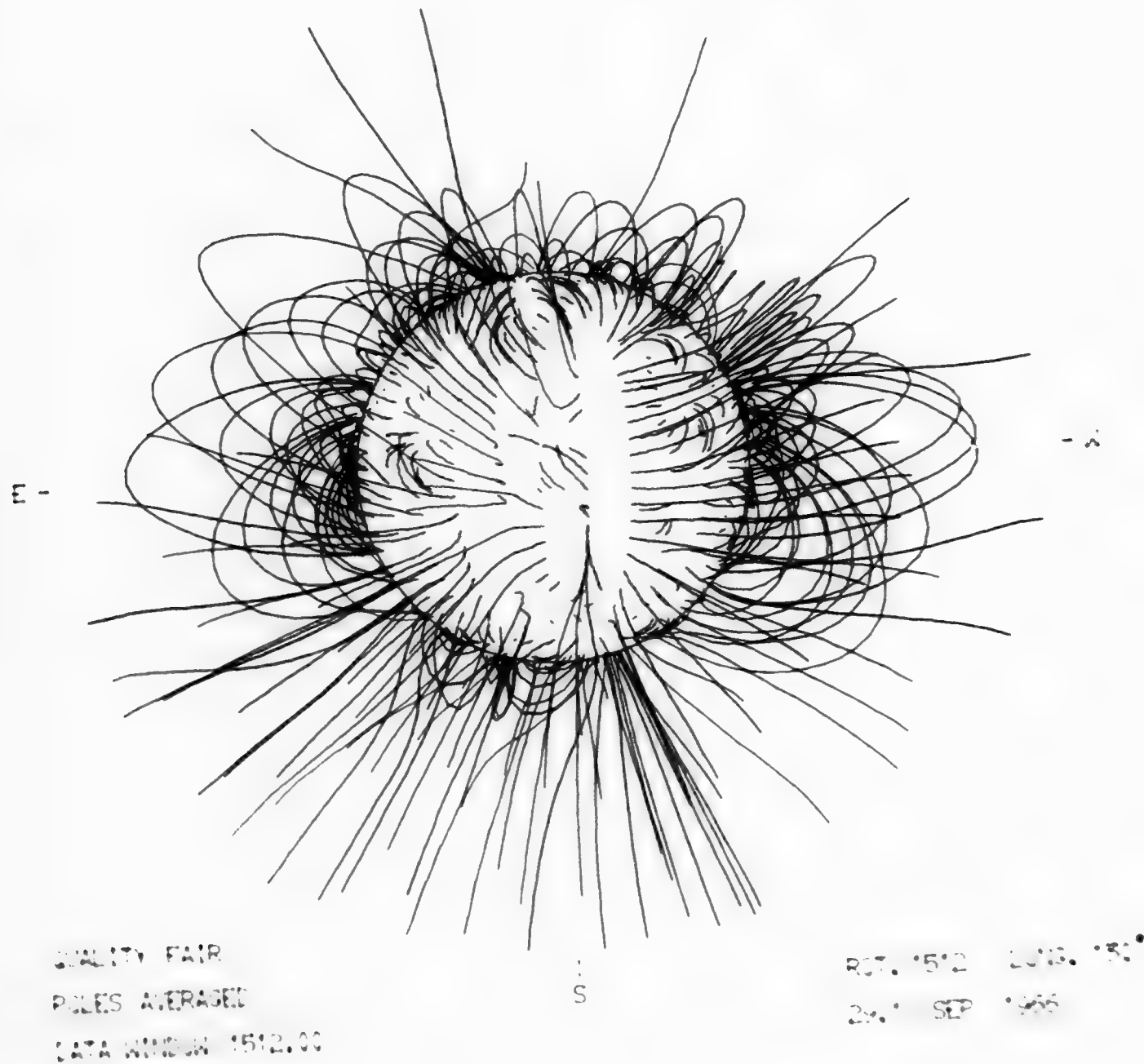
QUALITY FAIR

POLES AVERAGED

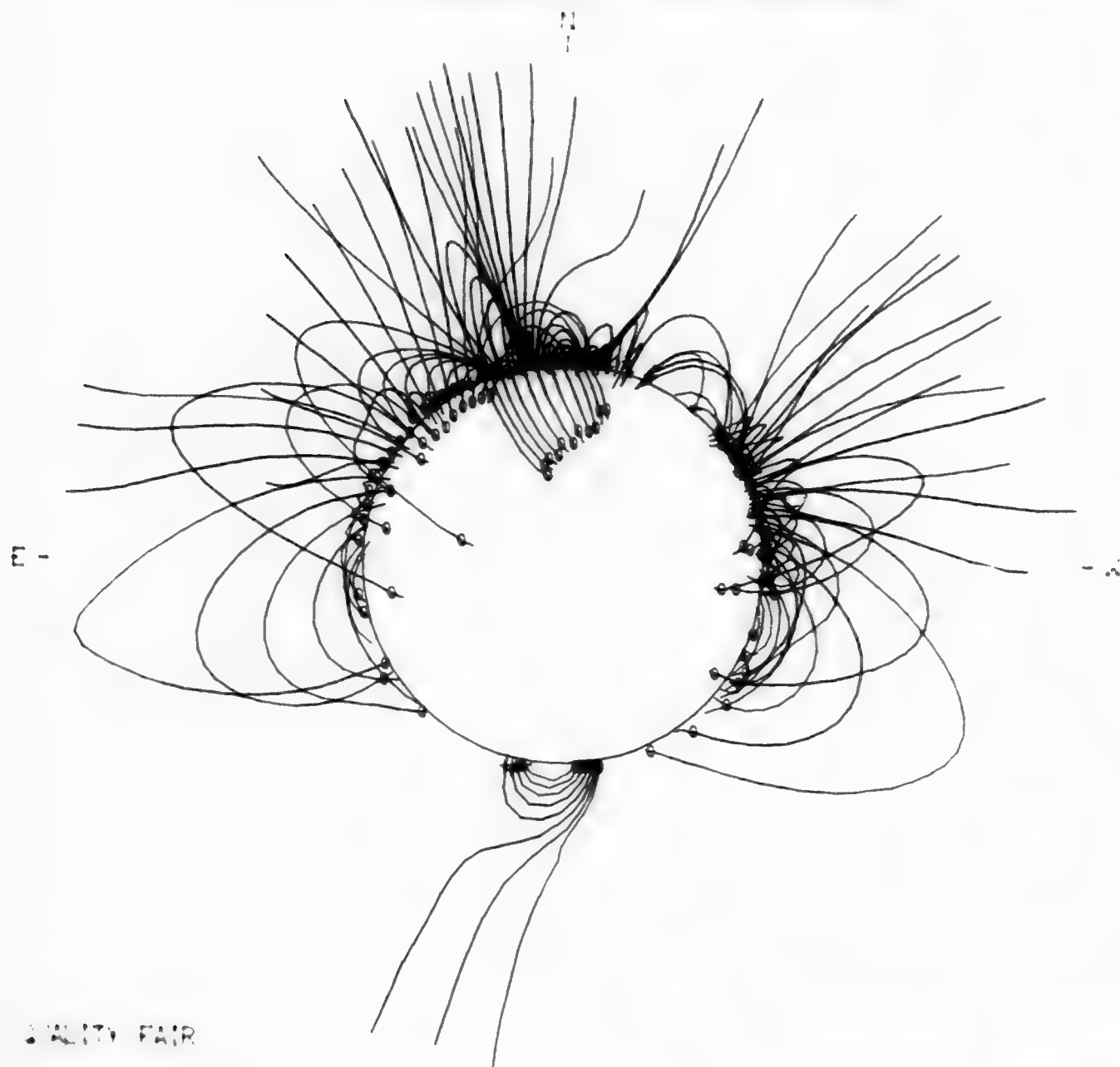
DATA WINDOW 1512.00

RLT. '5'2 10'10. '41°
28.4 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

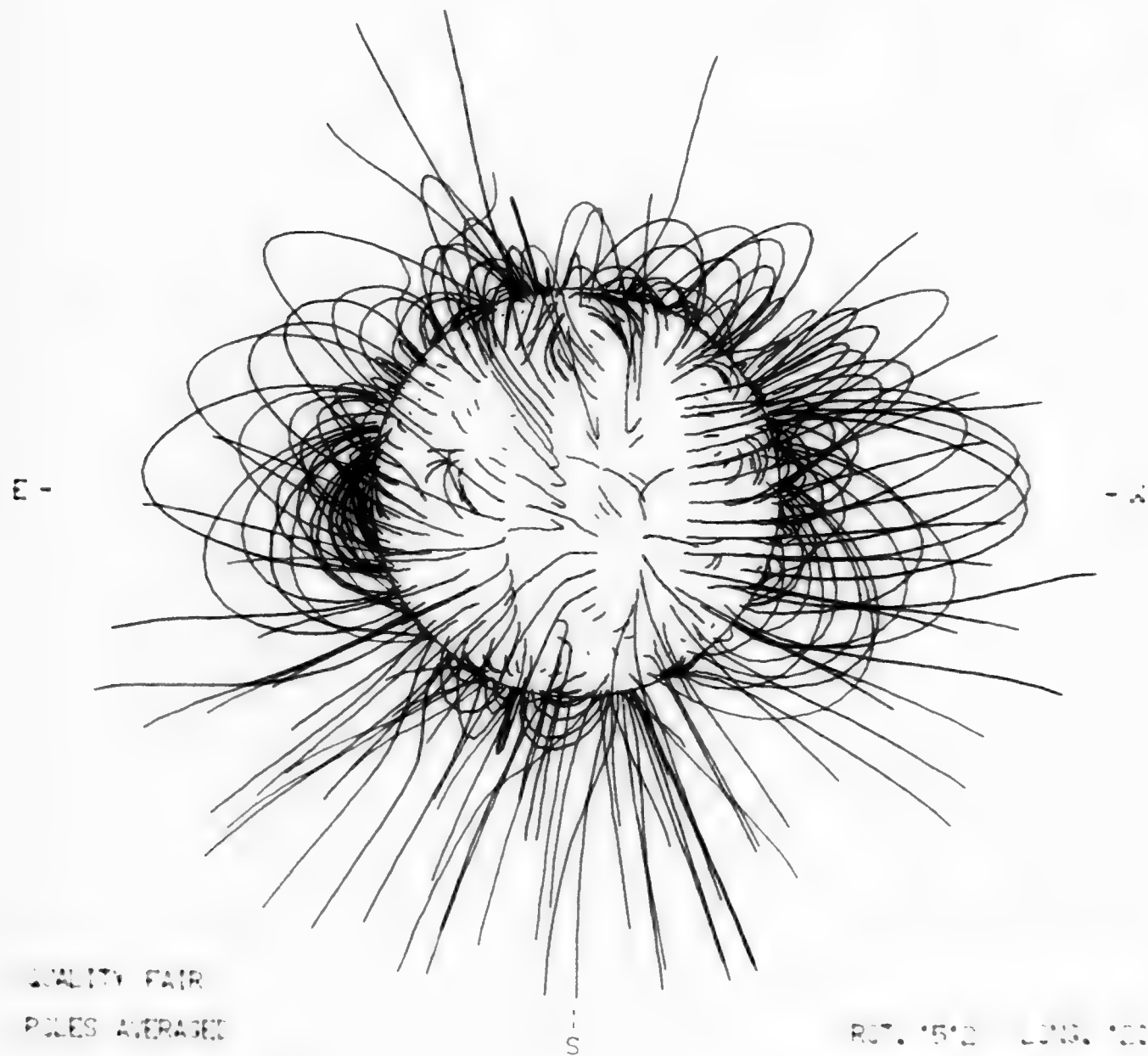
DATA WINDOW 1512.00

S

RUT. 1512 LONG. 151°

29.1 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

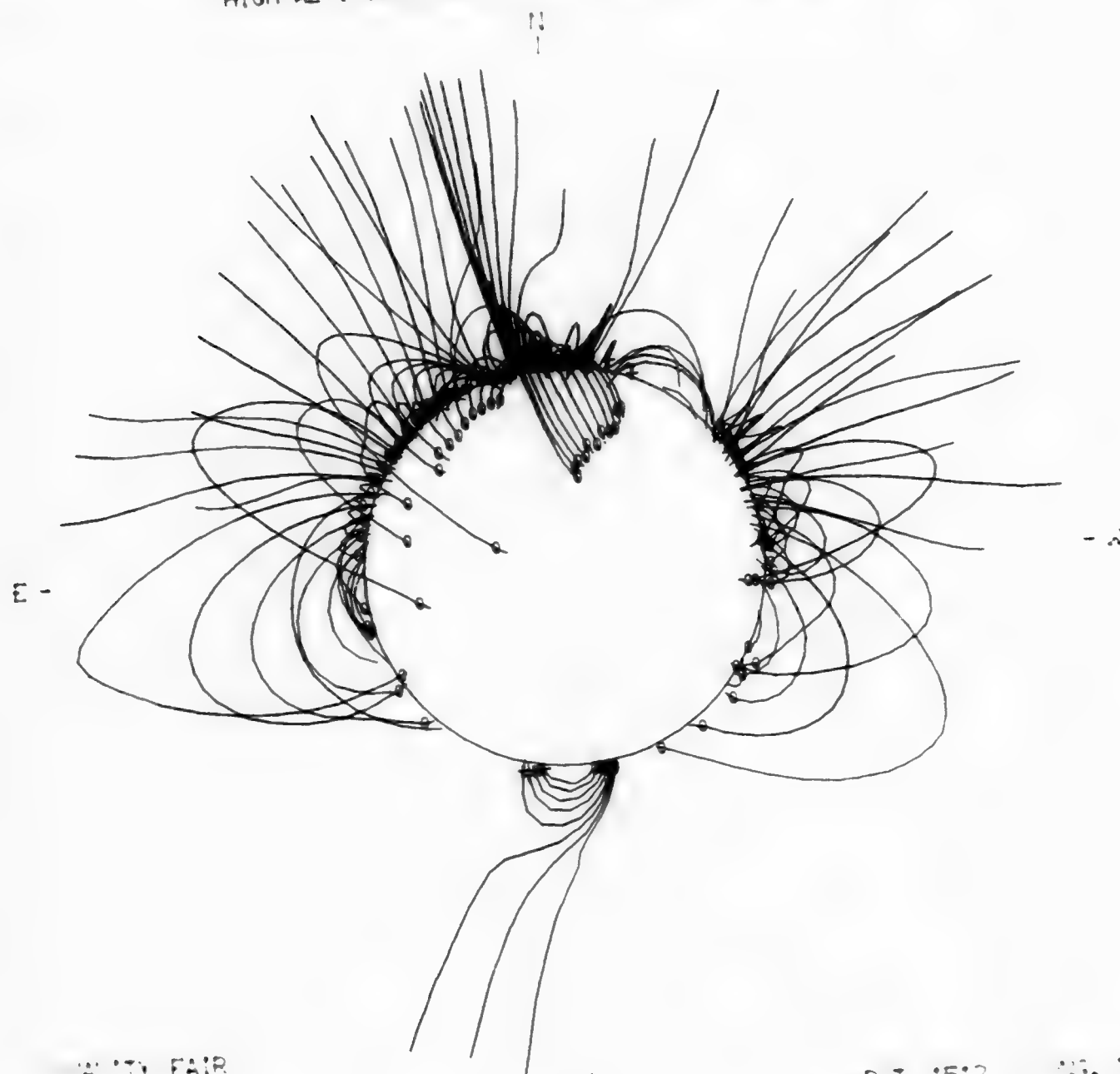
POLES AVERAGED

DATA WINDOW 1512.00

ROT. 15.2 LONG. 101°

29.9 SEP 1995

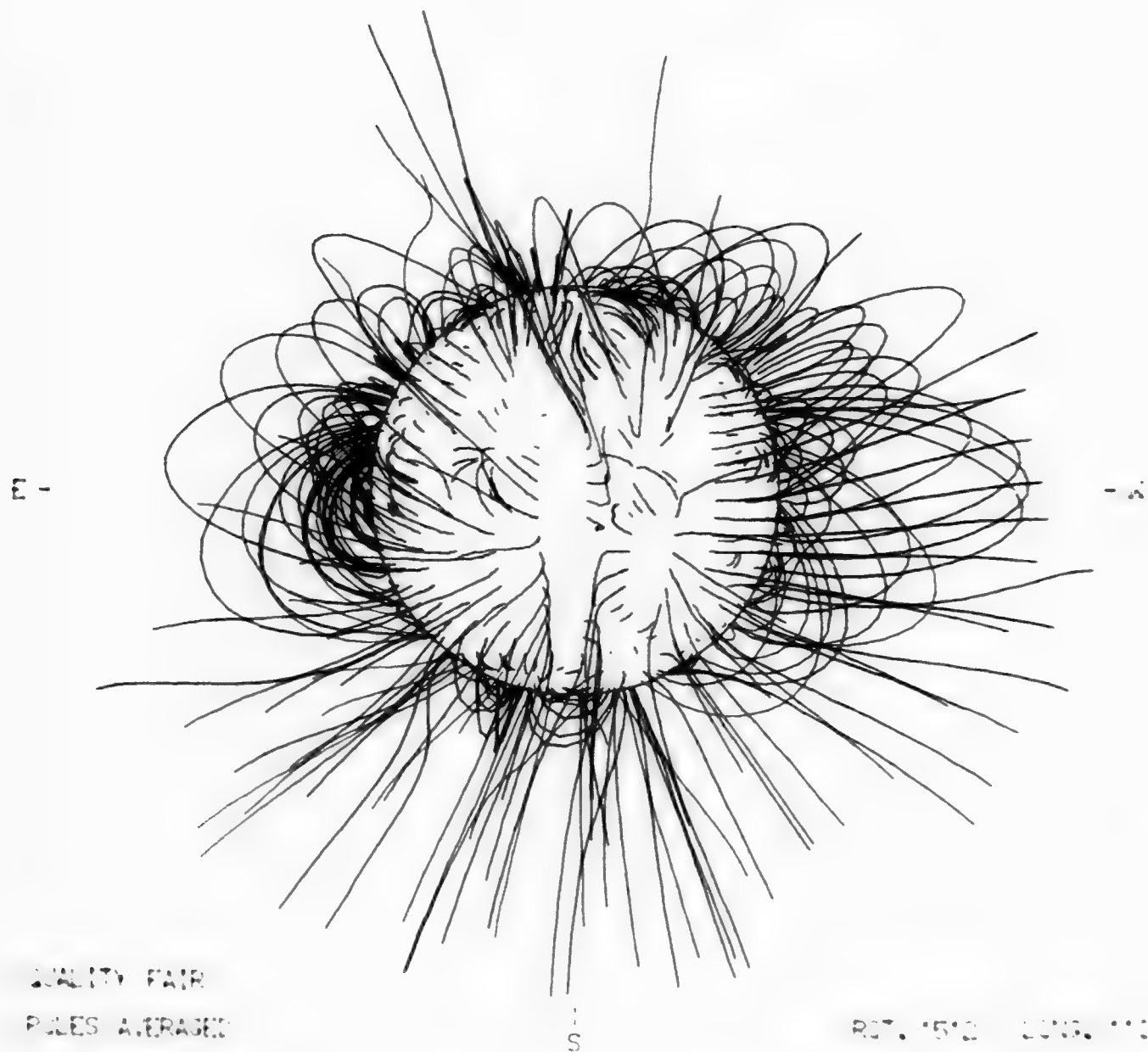
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 PILES AVERAGED
 DATA WINDOW 1512.00

RUT. 1512 LONG. 121°
 24.9 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

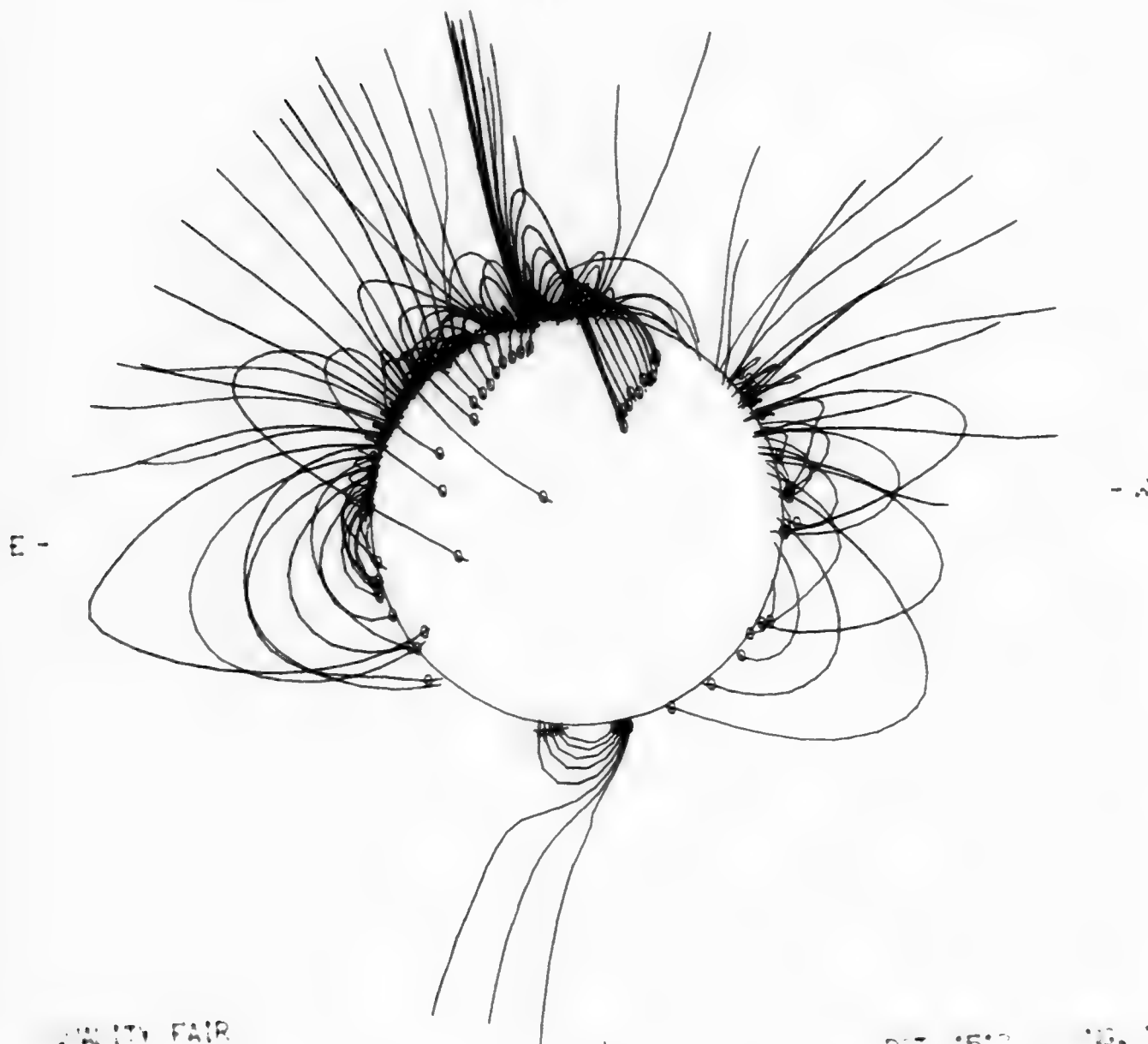
FILES AVERAGED

DATA WINDOW 1512.00

ROT. 15.0 2010. 11.1

30.6 SEP 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

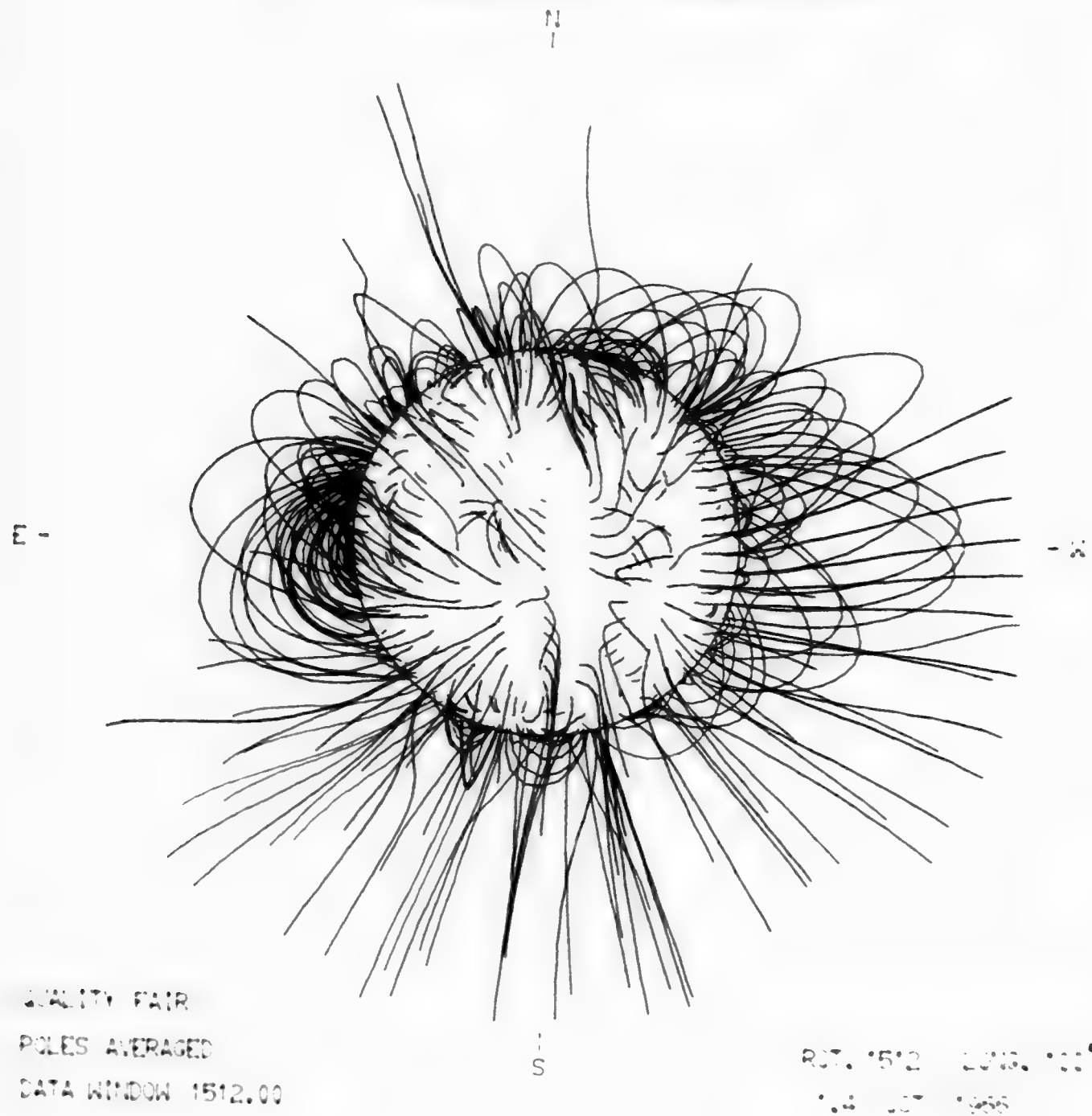


QUALITY FAIR
 PILES AVERAGED
 DATA WINDOW 1512.00

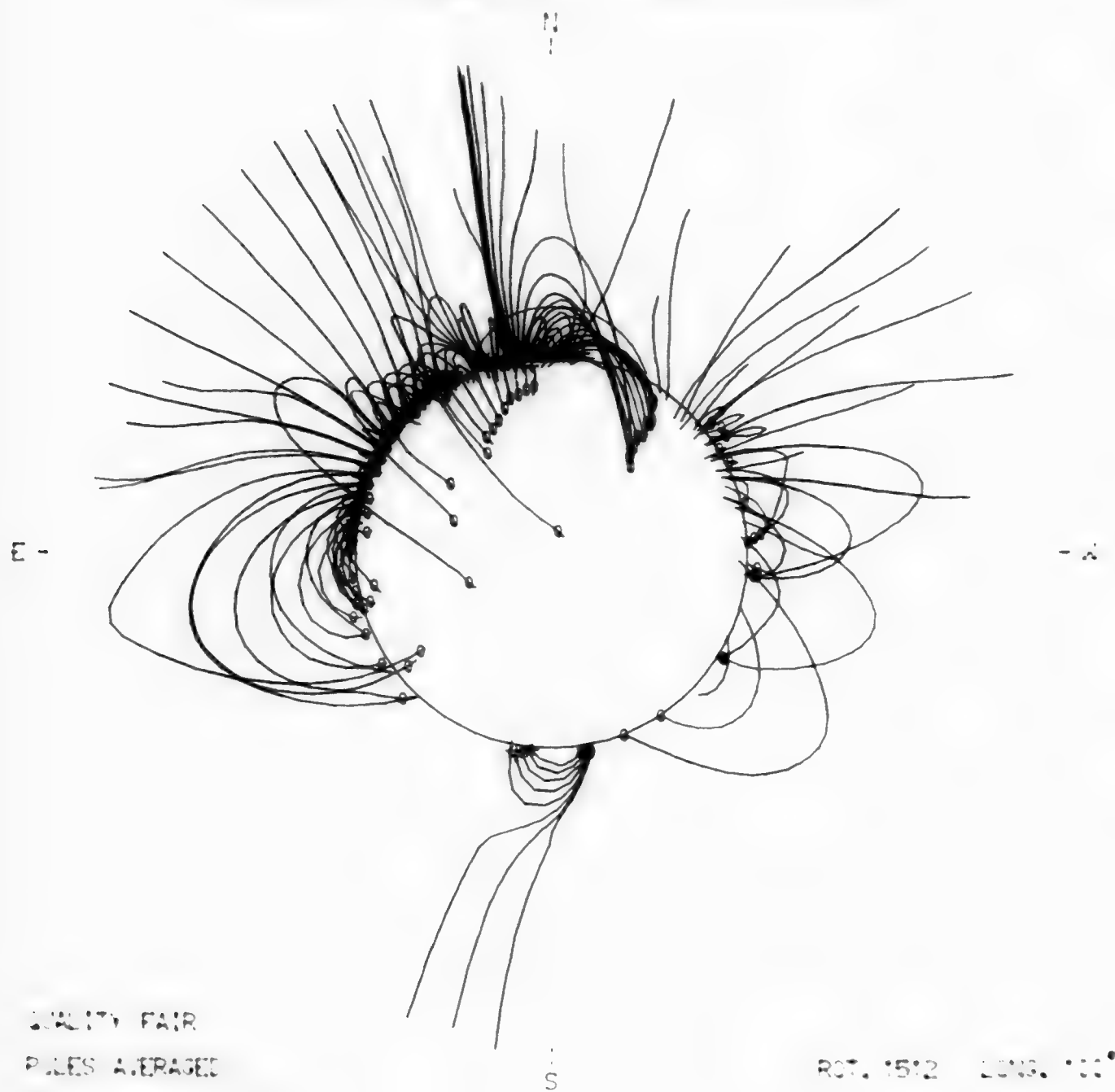
RUT. 1512 2016. 111
 30.6 SEP 1966

S

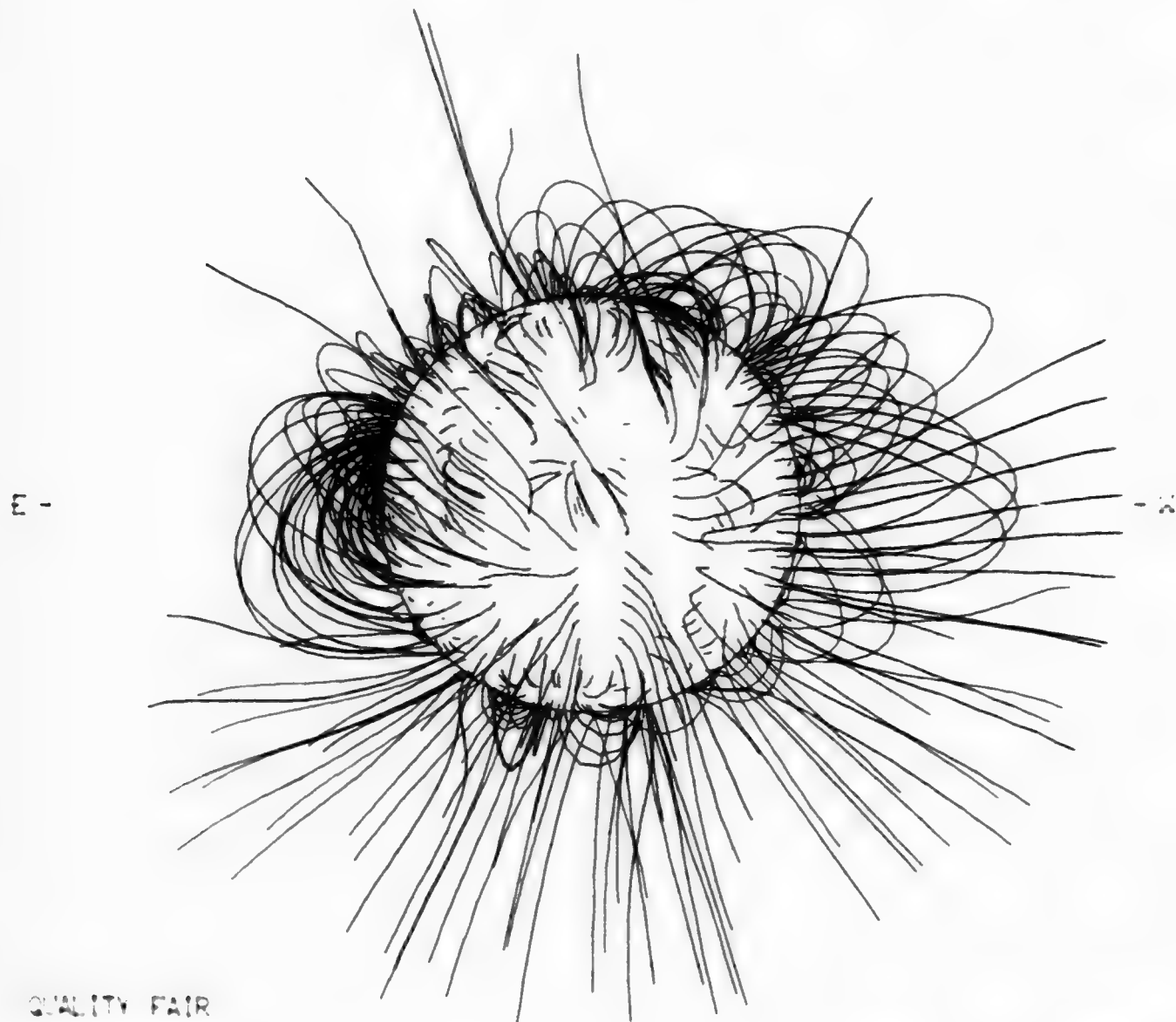
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

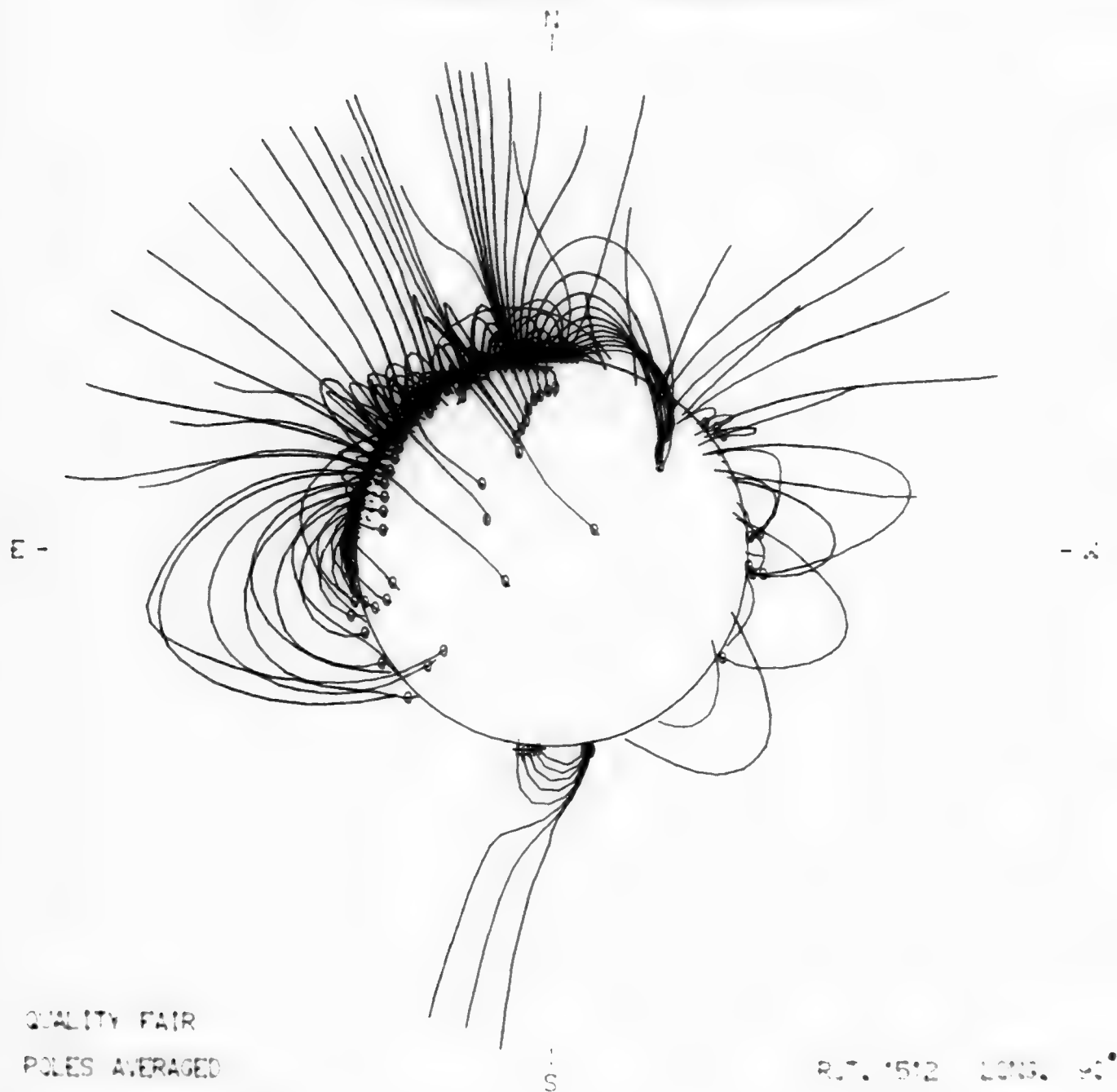
POLES AVERAGED

DATA WINDOW 1512.00

S

RUT. 1512 LONG. 151°
2.2 151 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

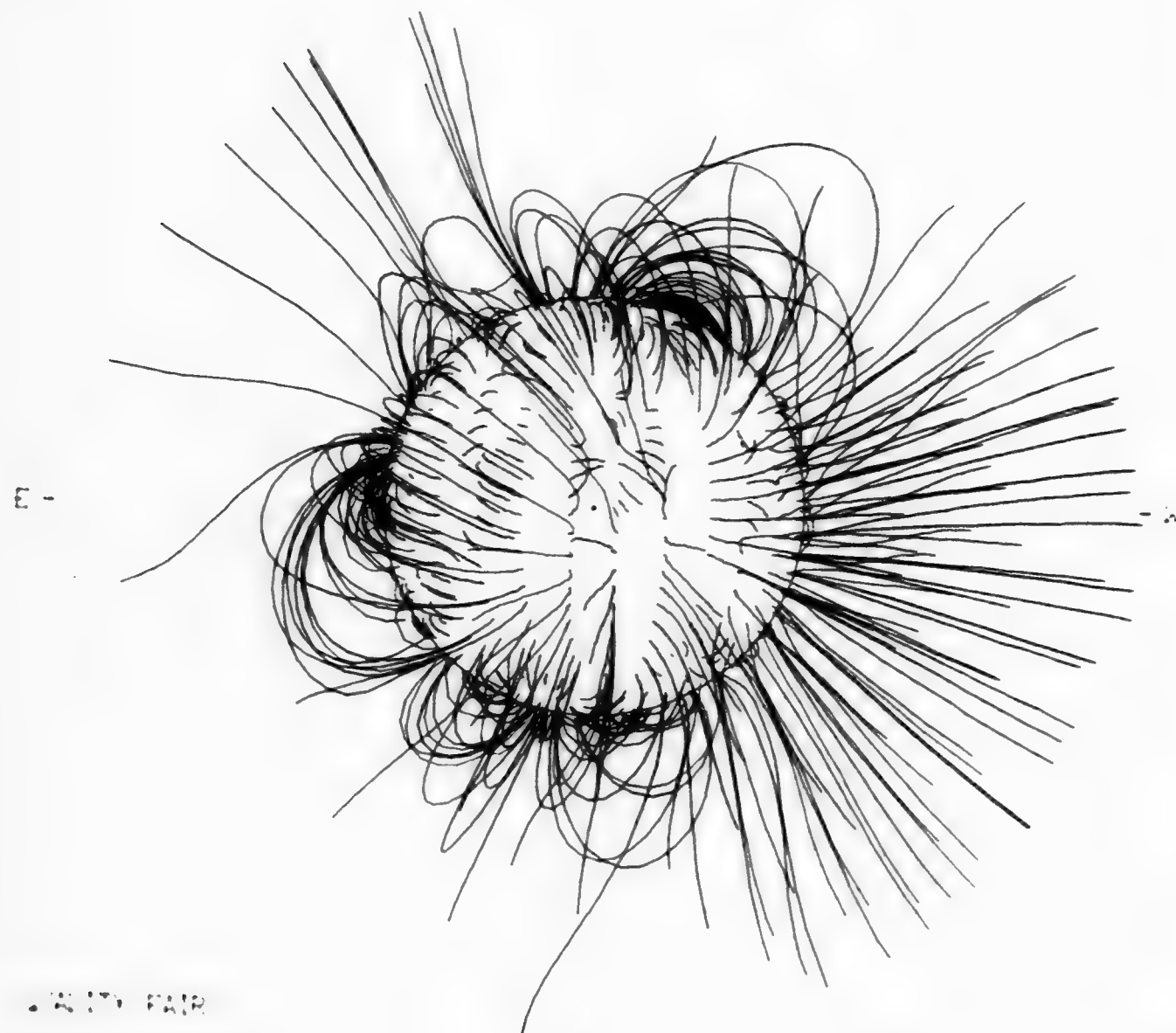
POLES AVERAGED

DATA WINDOW 1512.00

R.T. 1512 LONG. 90°

2.2 107 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



J. W. T. FAIR
 POLES AVERAGED
 DATA APRIL 1912.4

R.T. 1512 1010. 41°
 2.4 1.7 1.4

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

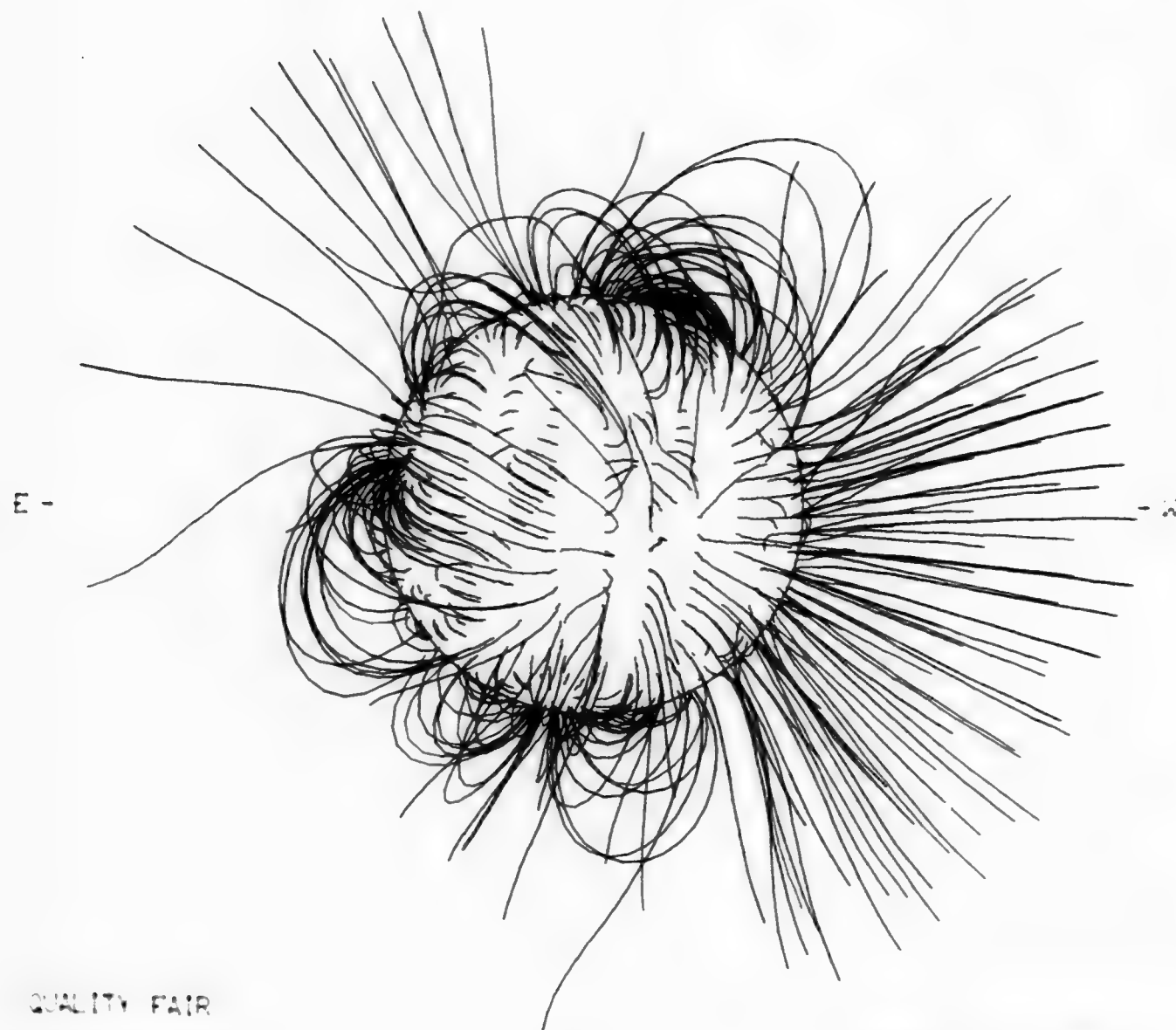
POLES AVERAGED

DATA WIND IN 1512.47

S

R.T. 1512 LONG. 51°
2.9 107 1965

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

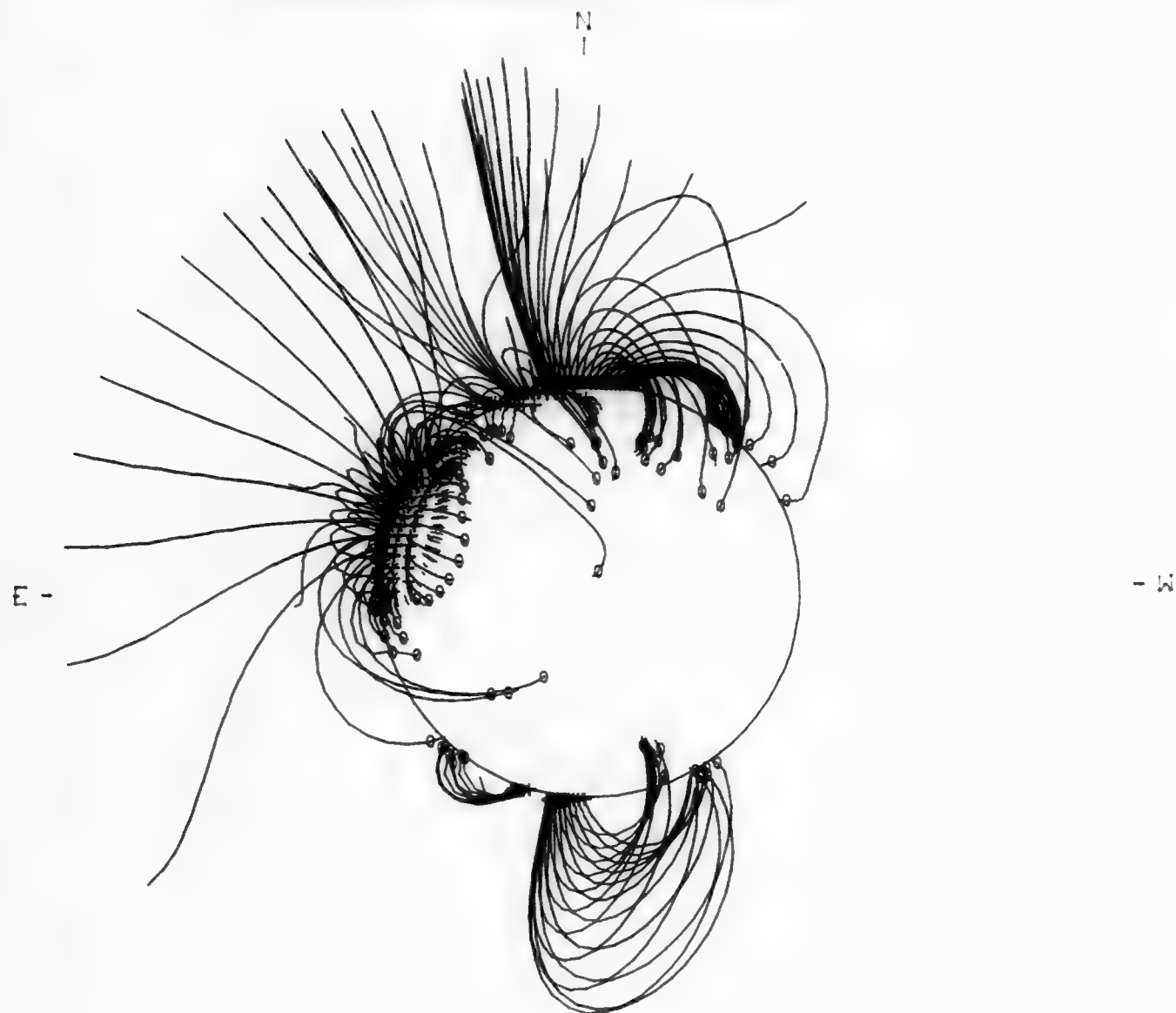
DATA WINDOW 1512.47

S

RET. 1512 LONG. 71°

3.7 OCT 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

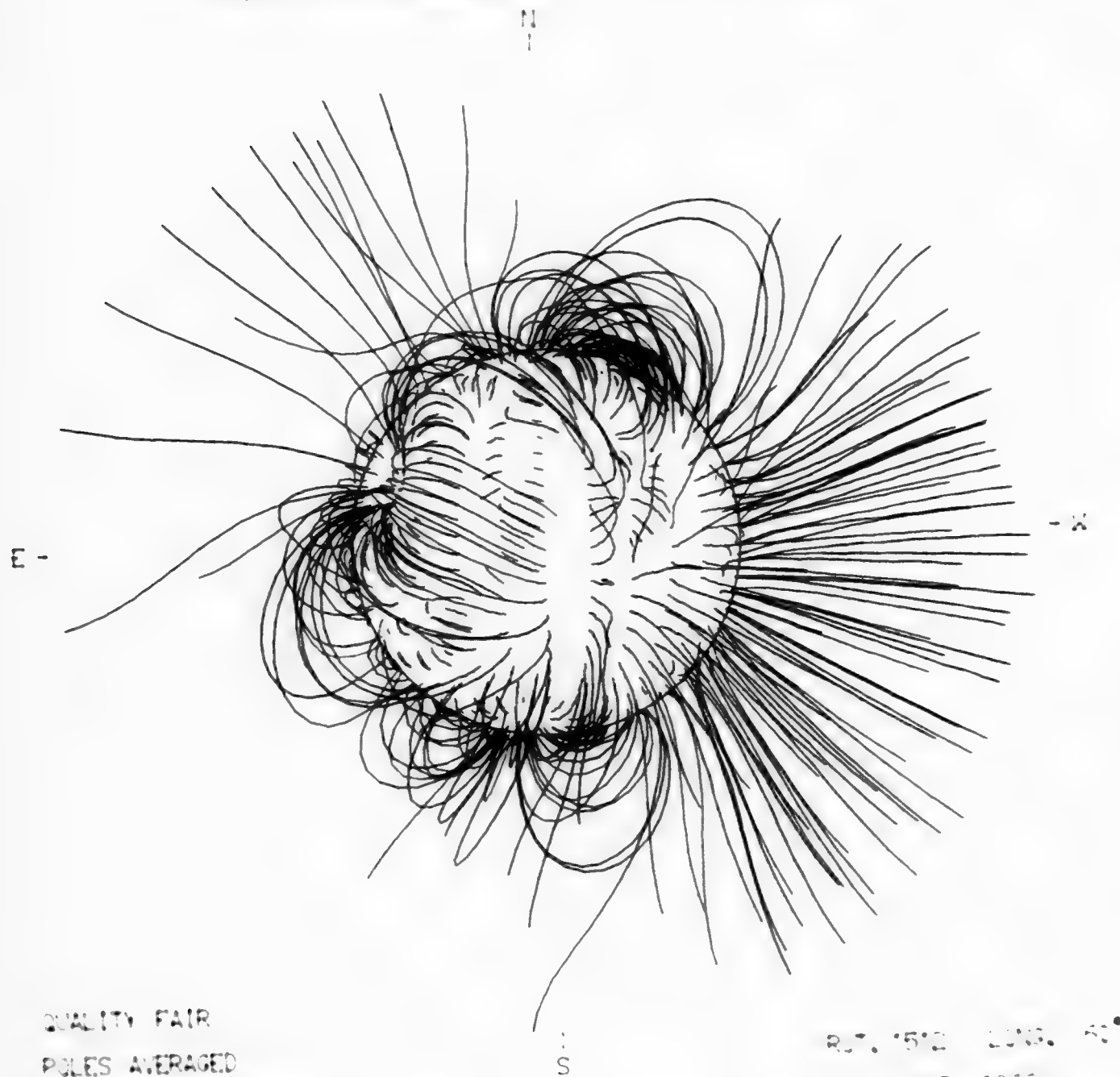
POLES AVERAGED

DATA WINDOW 1512.47

S

ROT. 1512 LONG. 70°
3.7 OCT 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



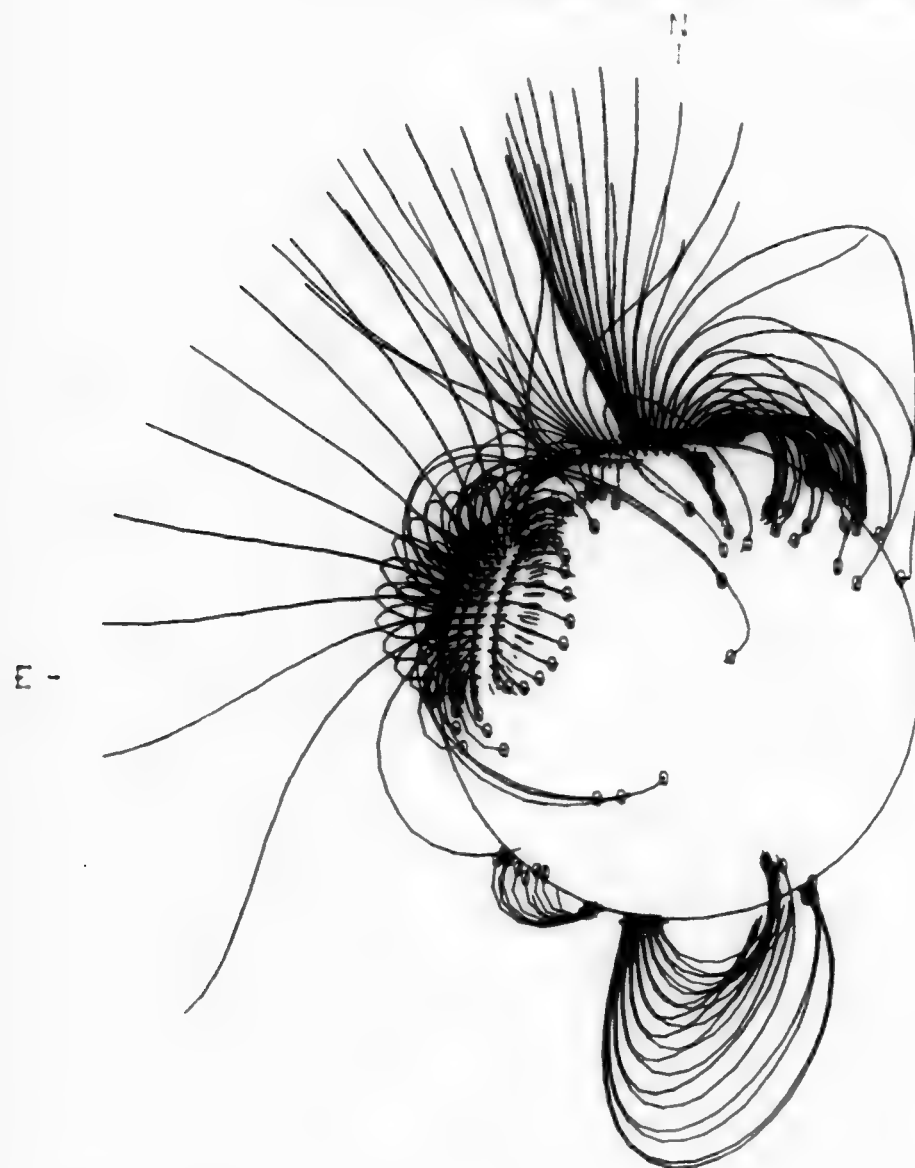
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1512.47

ROT. 15.2 LONG. 60°
4.4 107 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

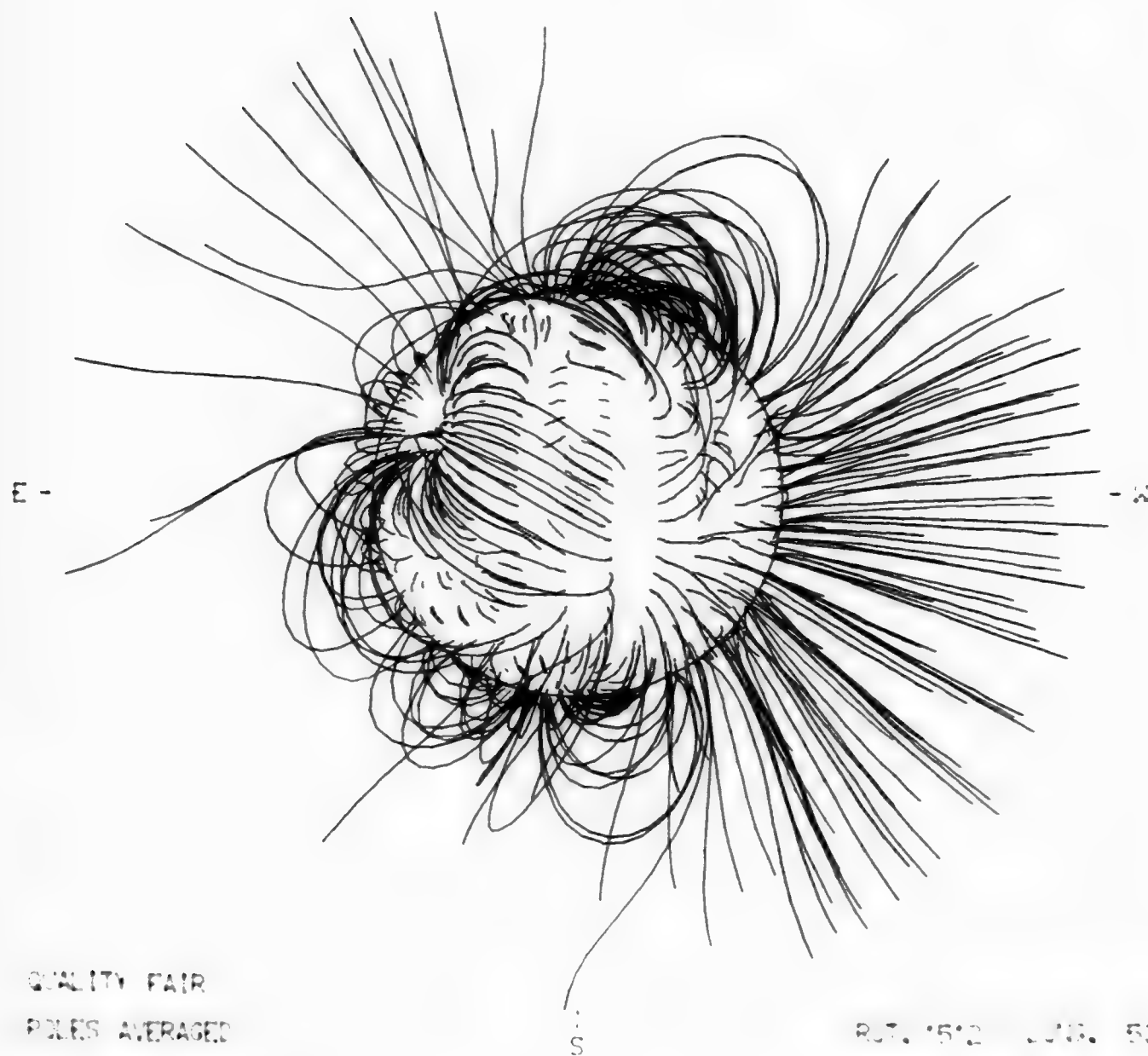
DATA WINDOW 1512.47

S

RIT. 1512 LING. 60

4.4 107 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

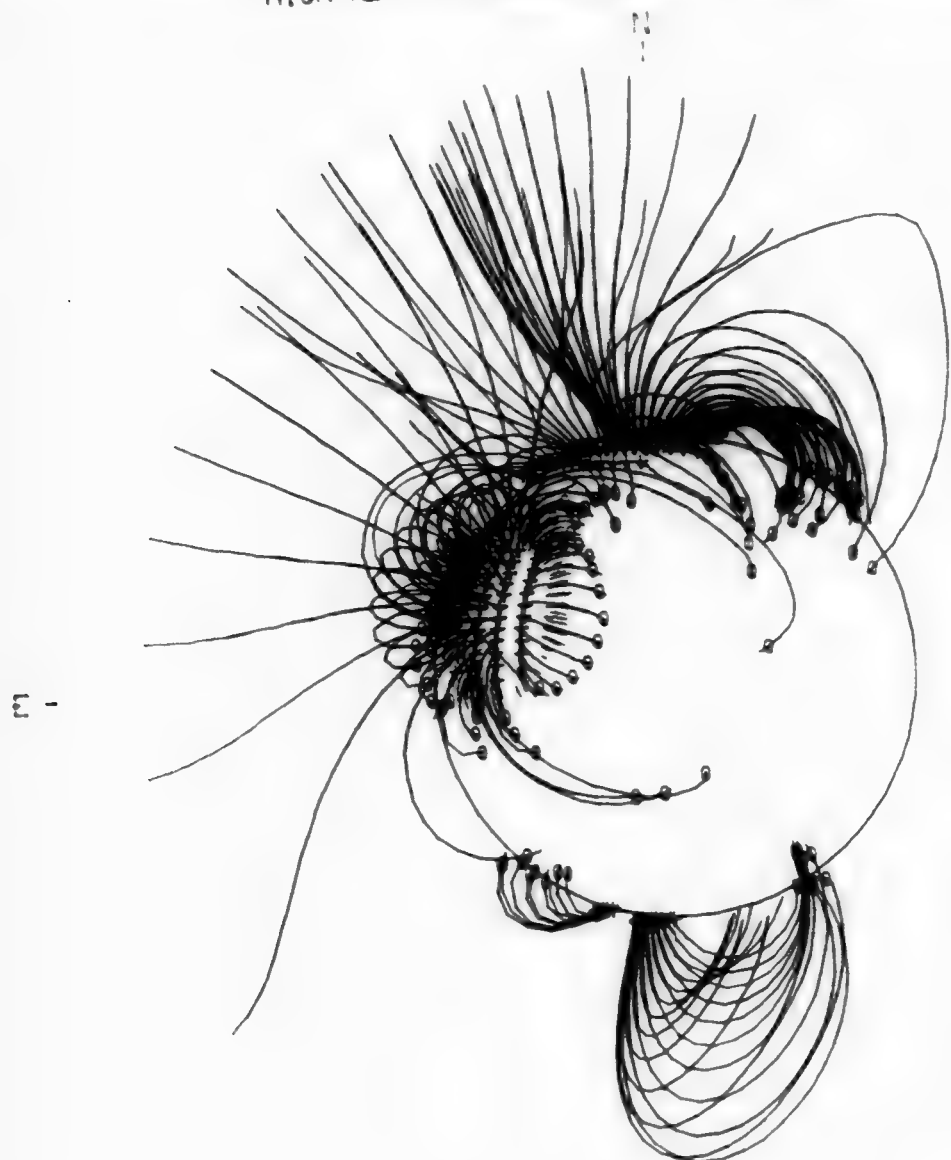
POLES AVERAGED

DATA WIND ON 1512.47

R.T. 5.2 L.O.B. 5.2

5.2 107 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

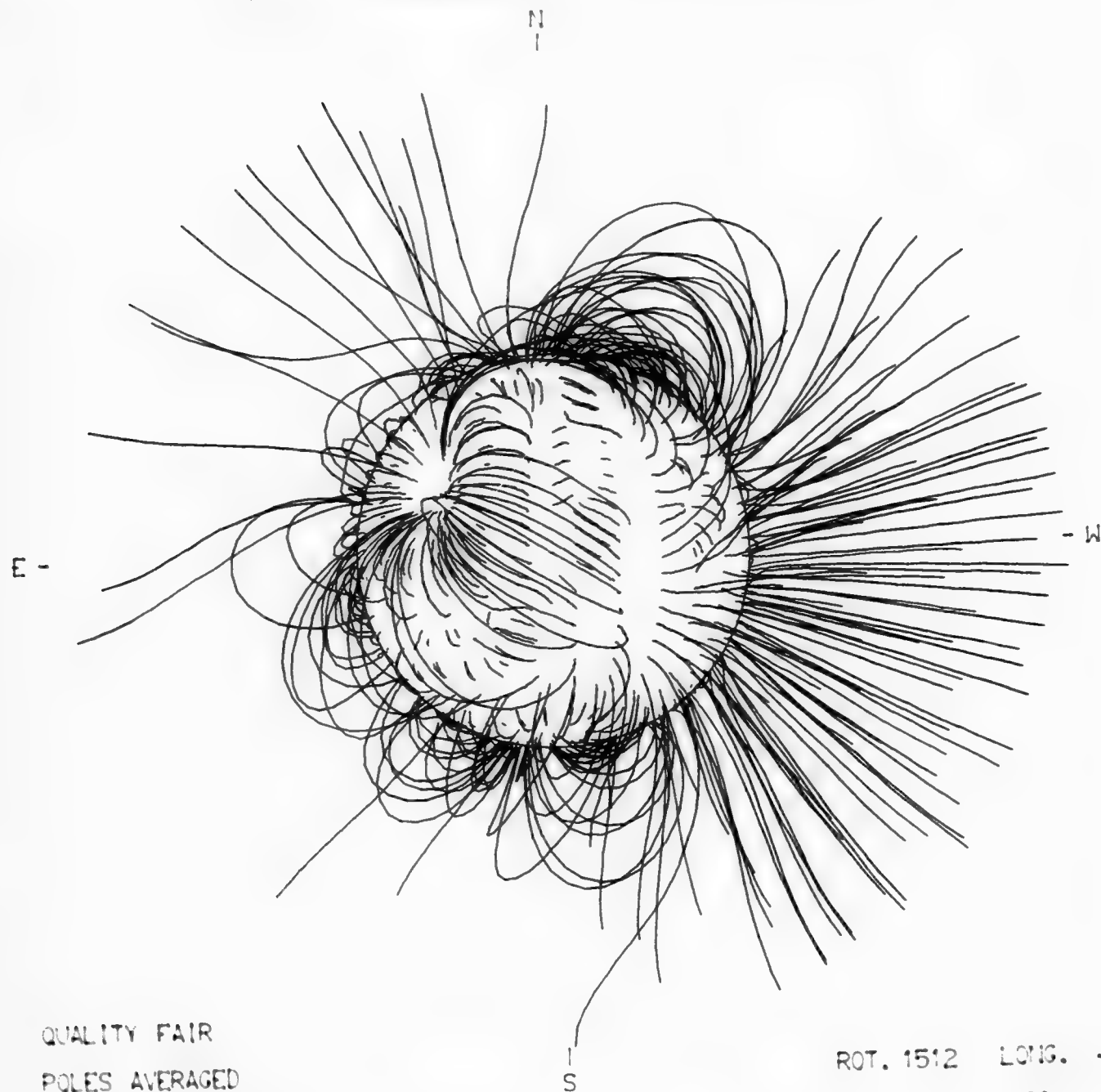


QUALITY FAIR
 RULES AVERAGE
 DATA WINDOW 1512.47

S

ROT. 15.2 LON. 50°
 5.2 UT 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1512.47

ROT. 1512 LONG. 40°
5.9 OCT 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

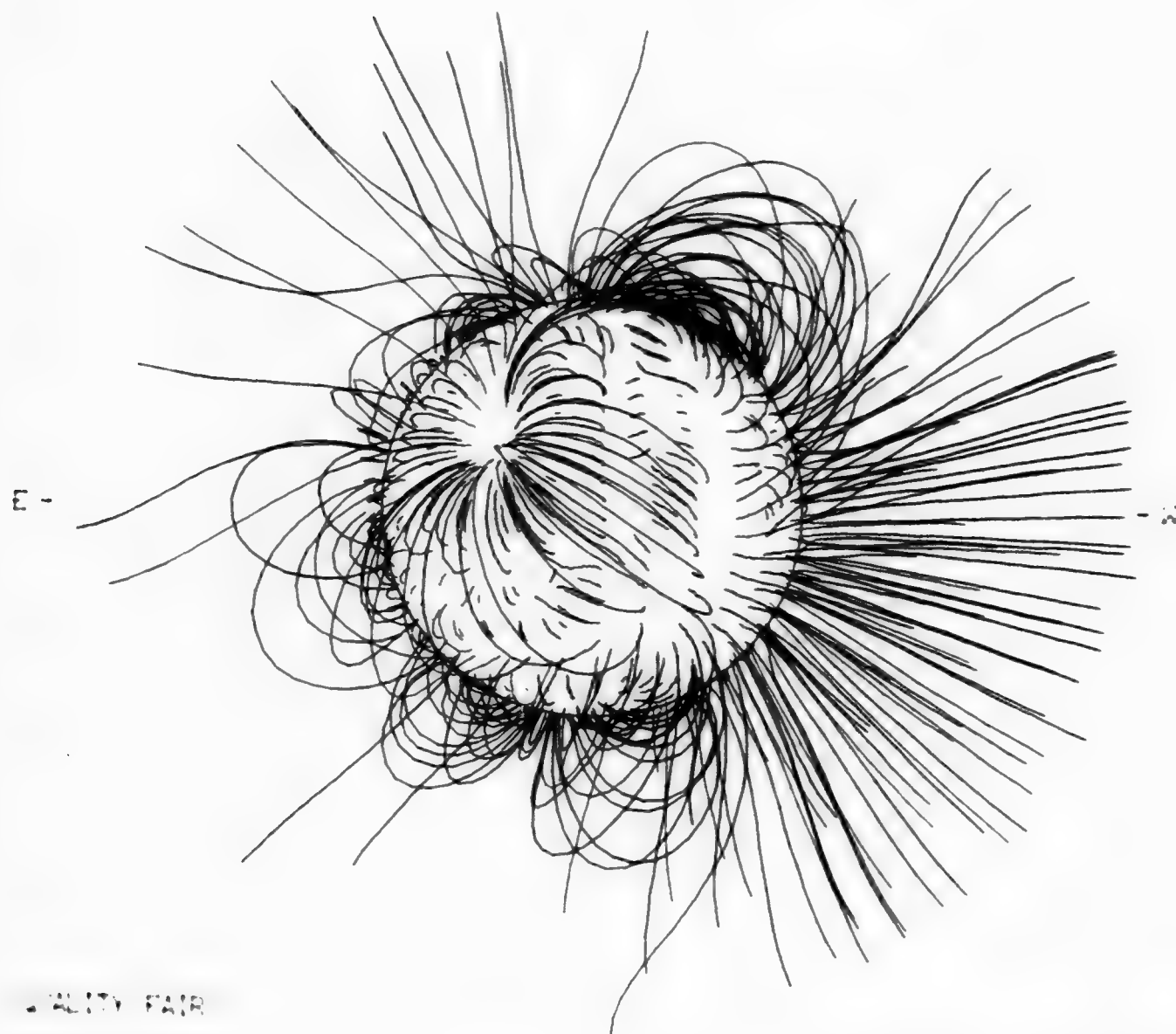
POLES AVERAGED

DATA WINDOW 1512.47

1
S

R.T. 1512 L.T. 40°
5.9 OCT 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



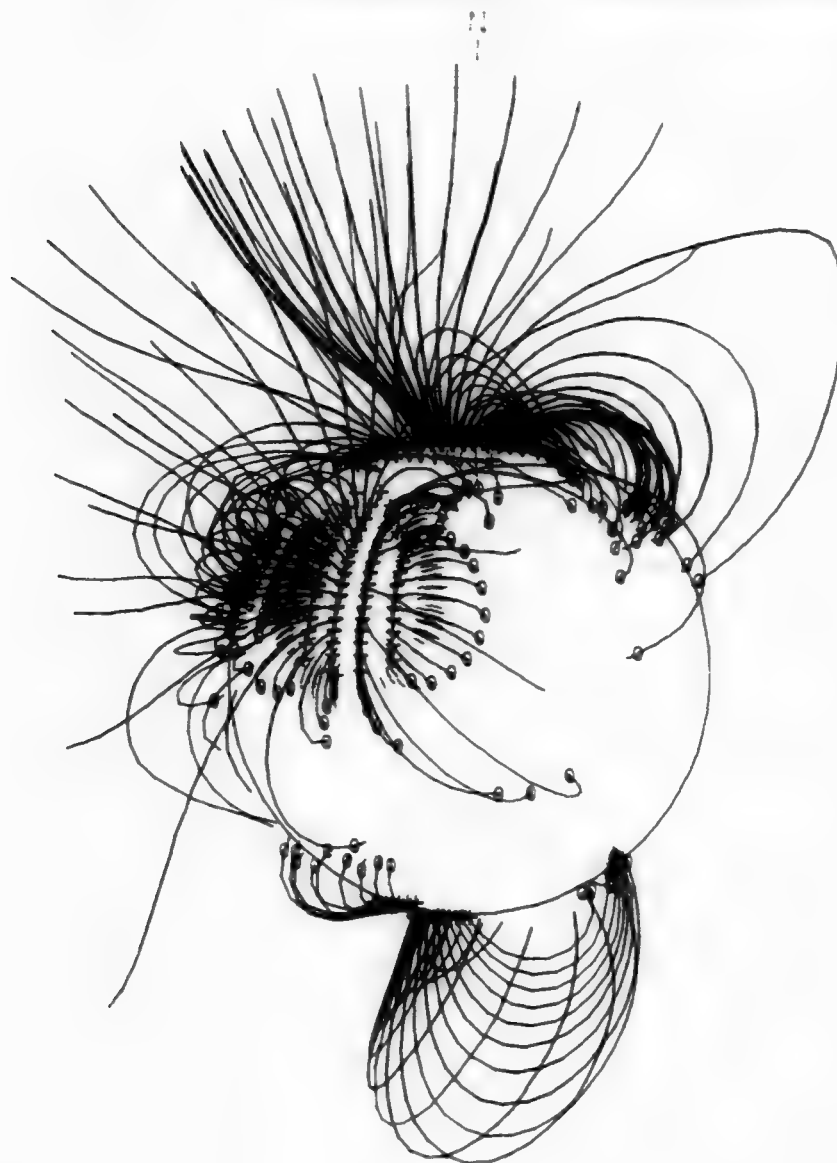
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 15/2,47

S

RUT. 15/2 LING. 3/2
6.7 1.7 1.996

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

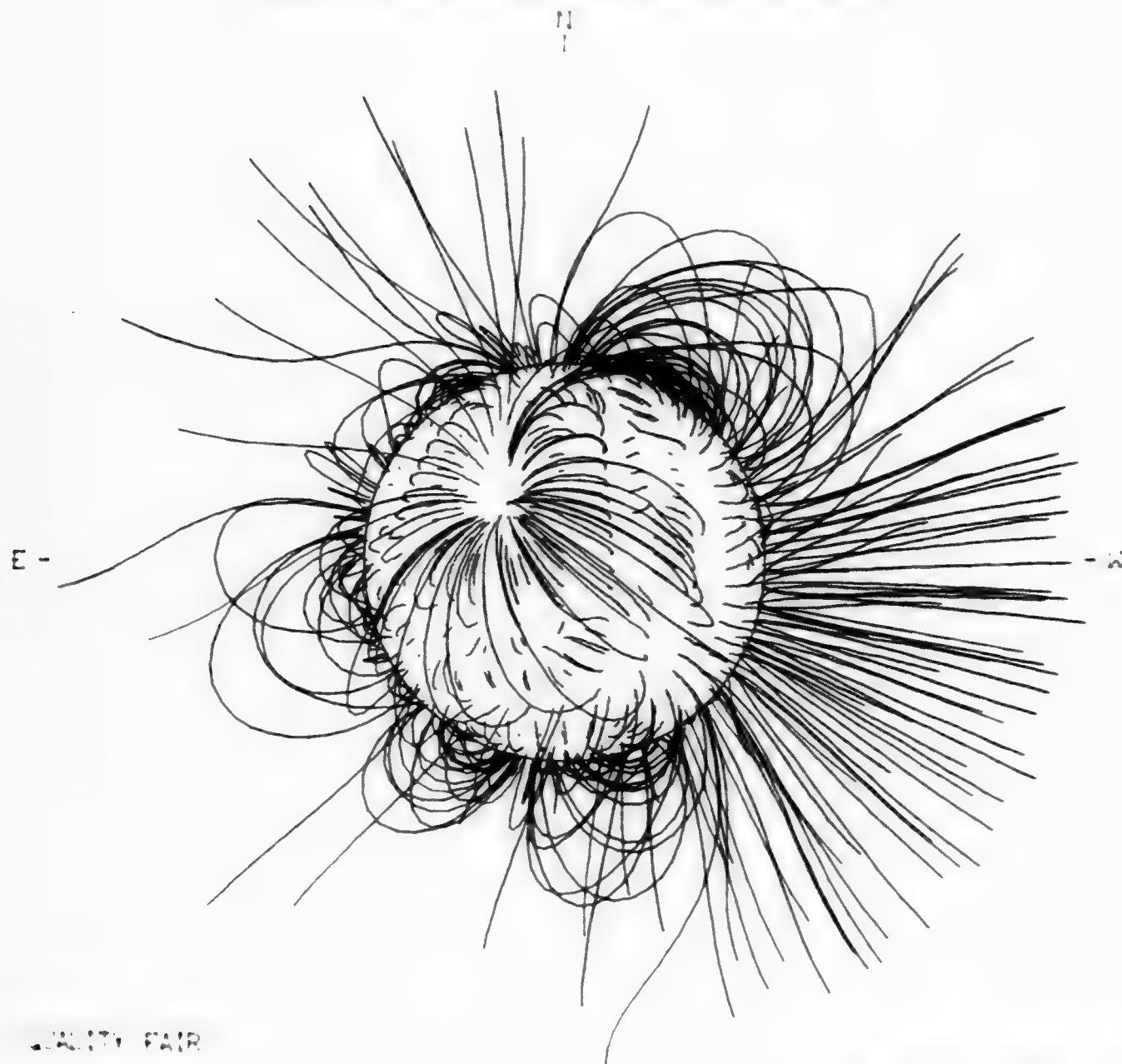


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1512.47

S

ROT. 15°2' LONG. 50°
6.7 107 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

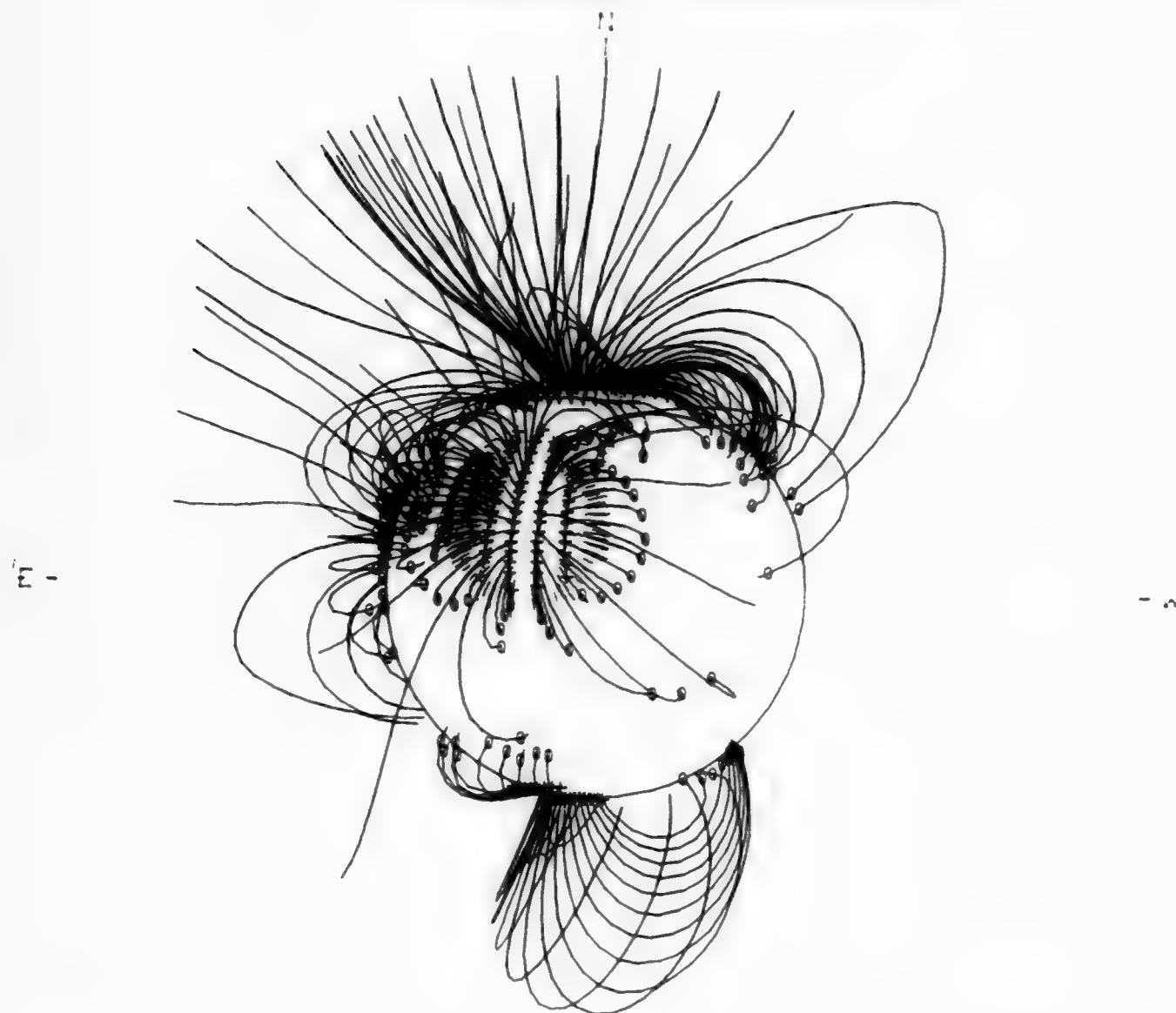
DATA APRIL 1952.47

S

RUT. 1512 1013. 11°

7.5 107 1956

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

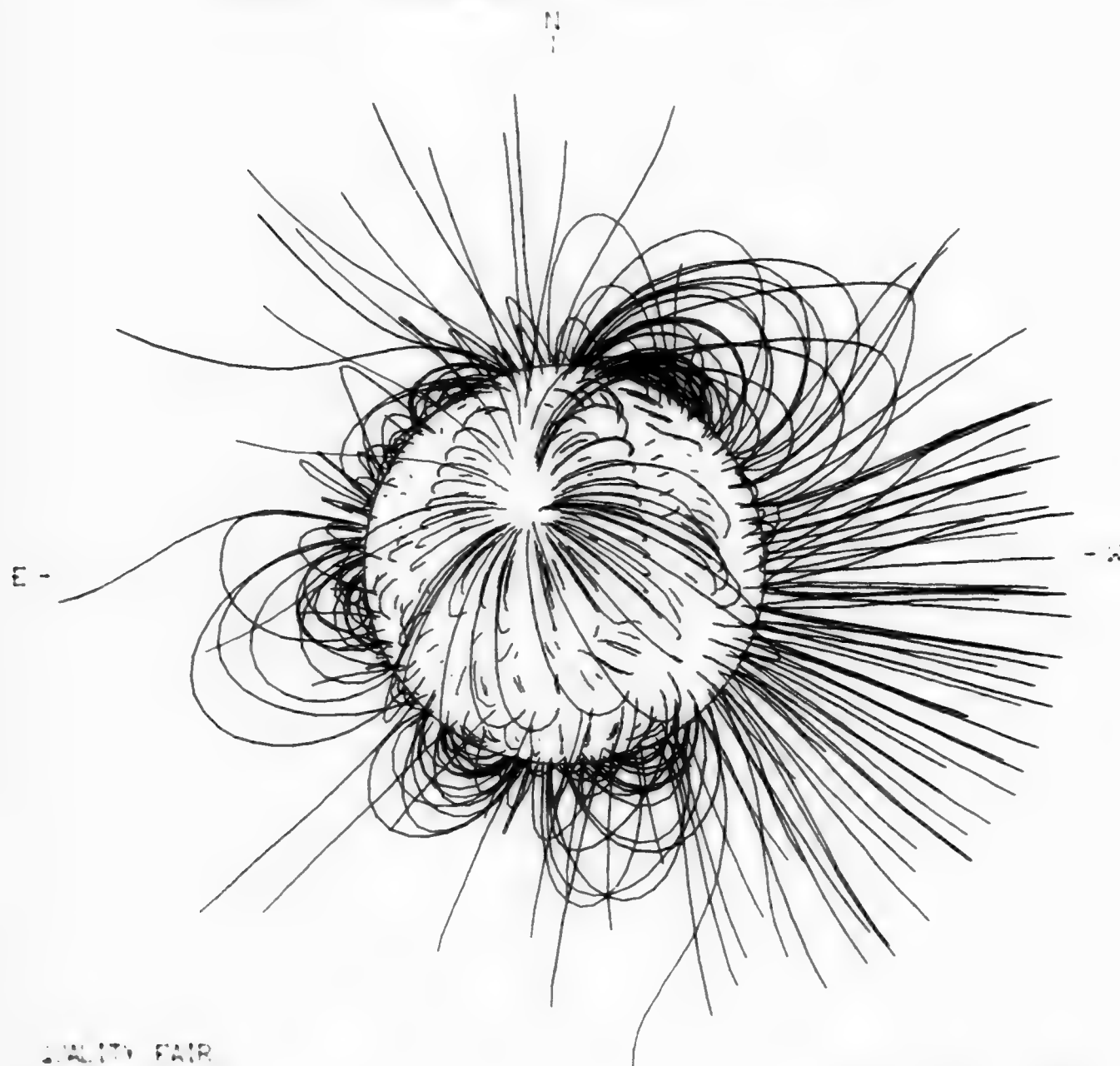
POLES AVERAGED

DATA WINDOW 1512.47

1
S

R.T. 1512 2110 21°
7.5 1.17 1986

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

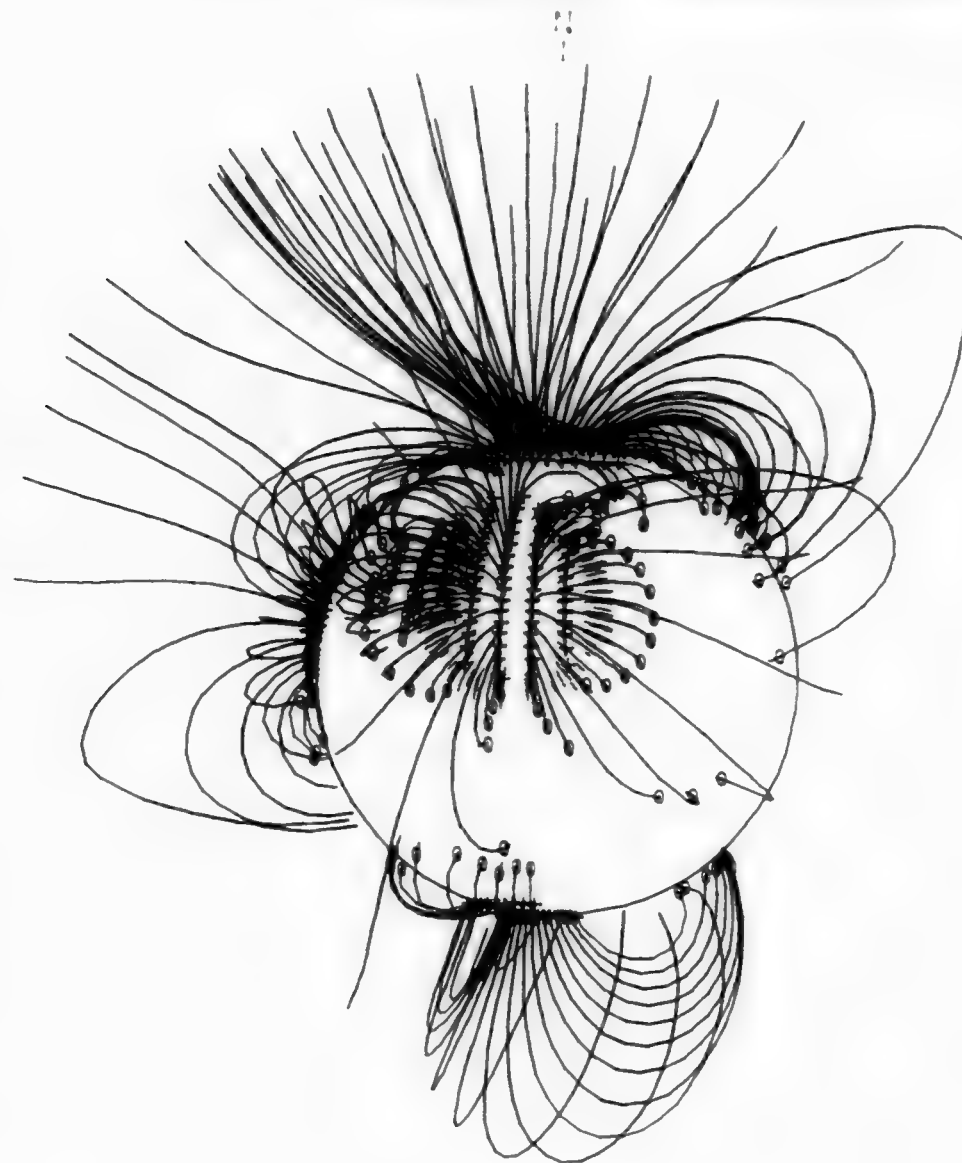
DATA AROUND 1512.47

S

RET. 1512 100. 10°
8.2 107 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



- W

QUALITY FAIR

POLES AVERAGED

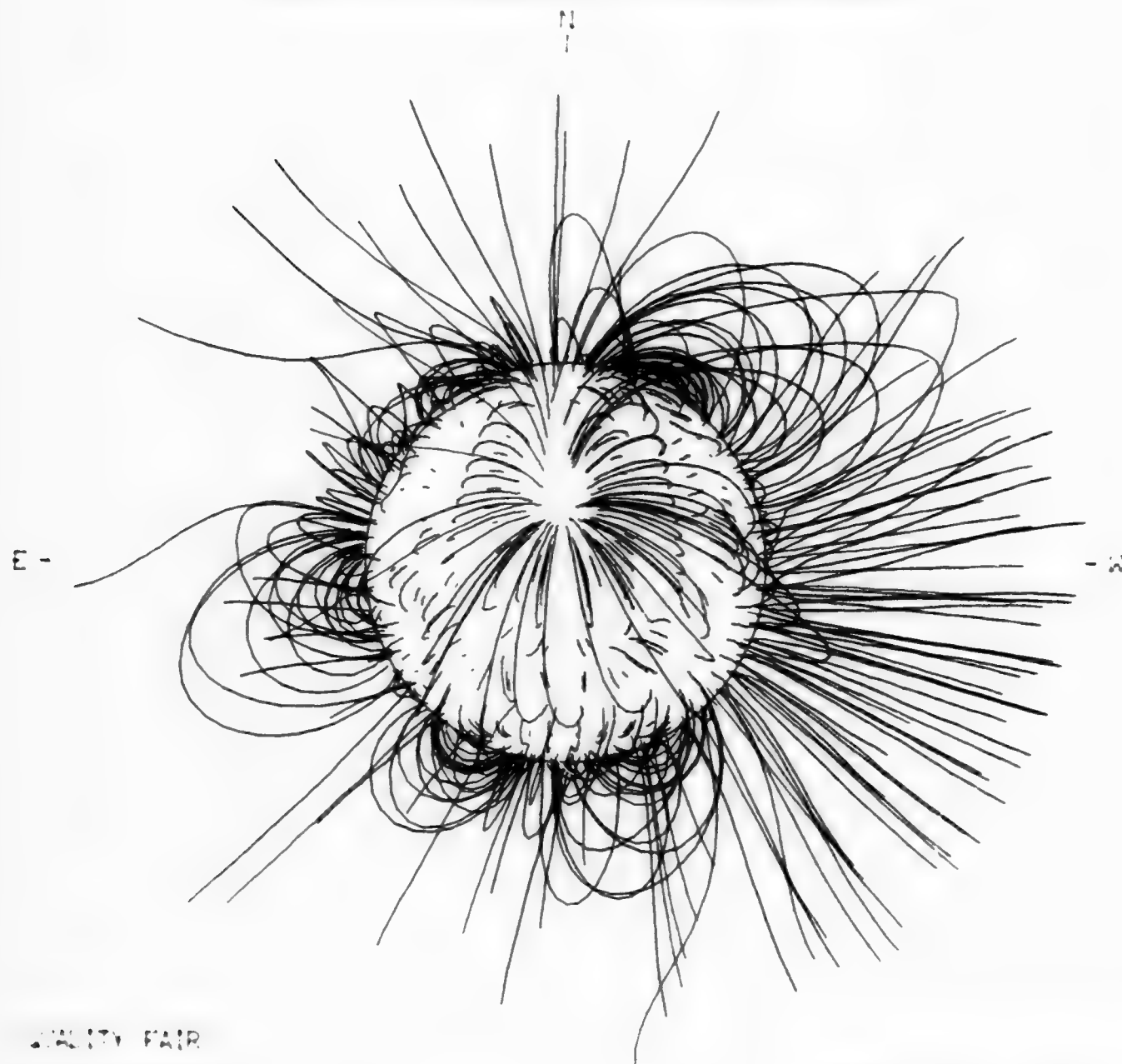
DATA W/IN ON 1512.47

S

RCT. 1512 LUG. 10°

8.2 OCT 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

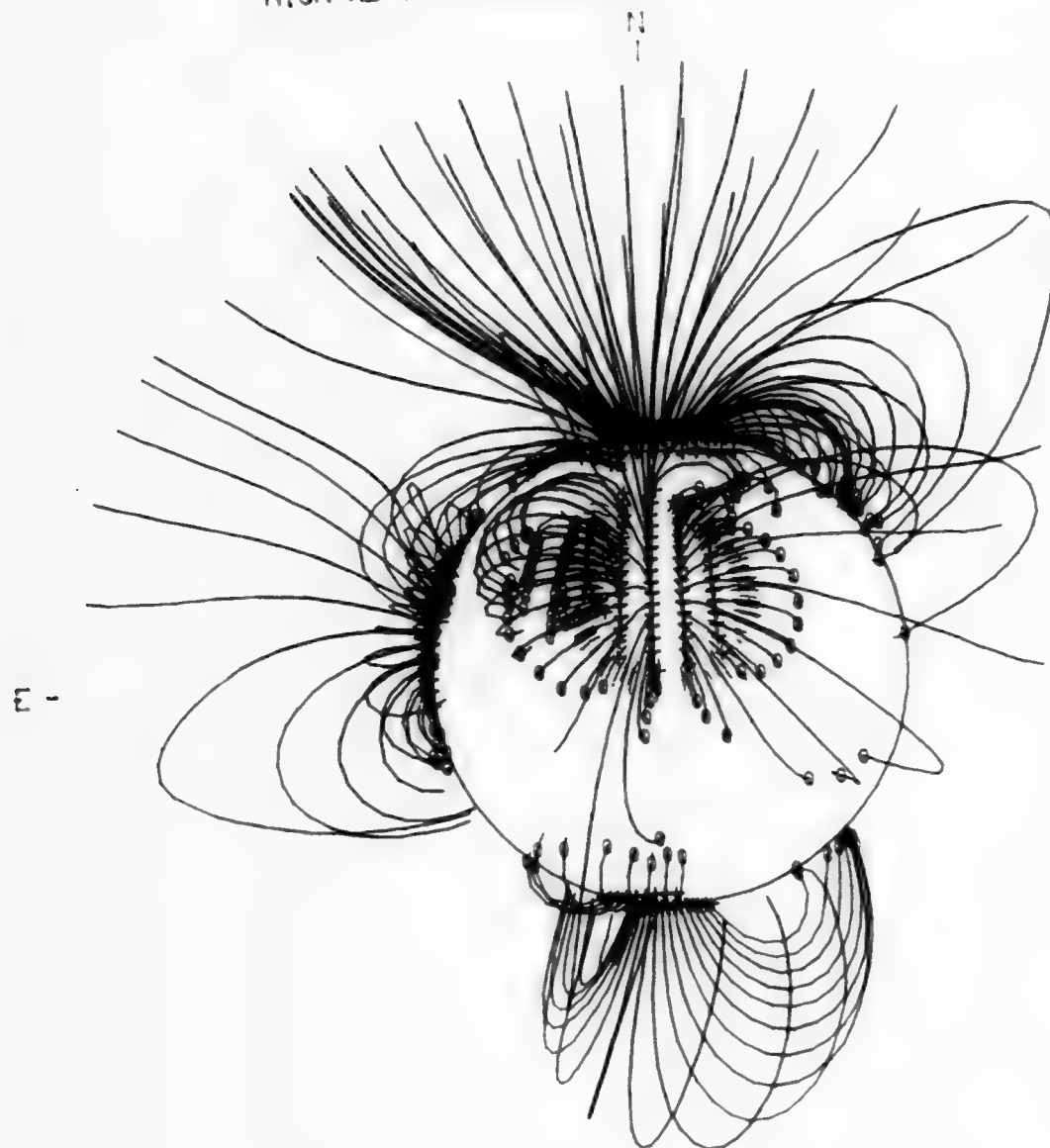
DATA WINDOW 1512.47

S

RET. 1512 200. 10

9.0 107 1955

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

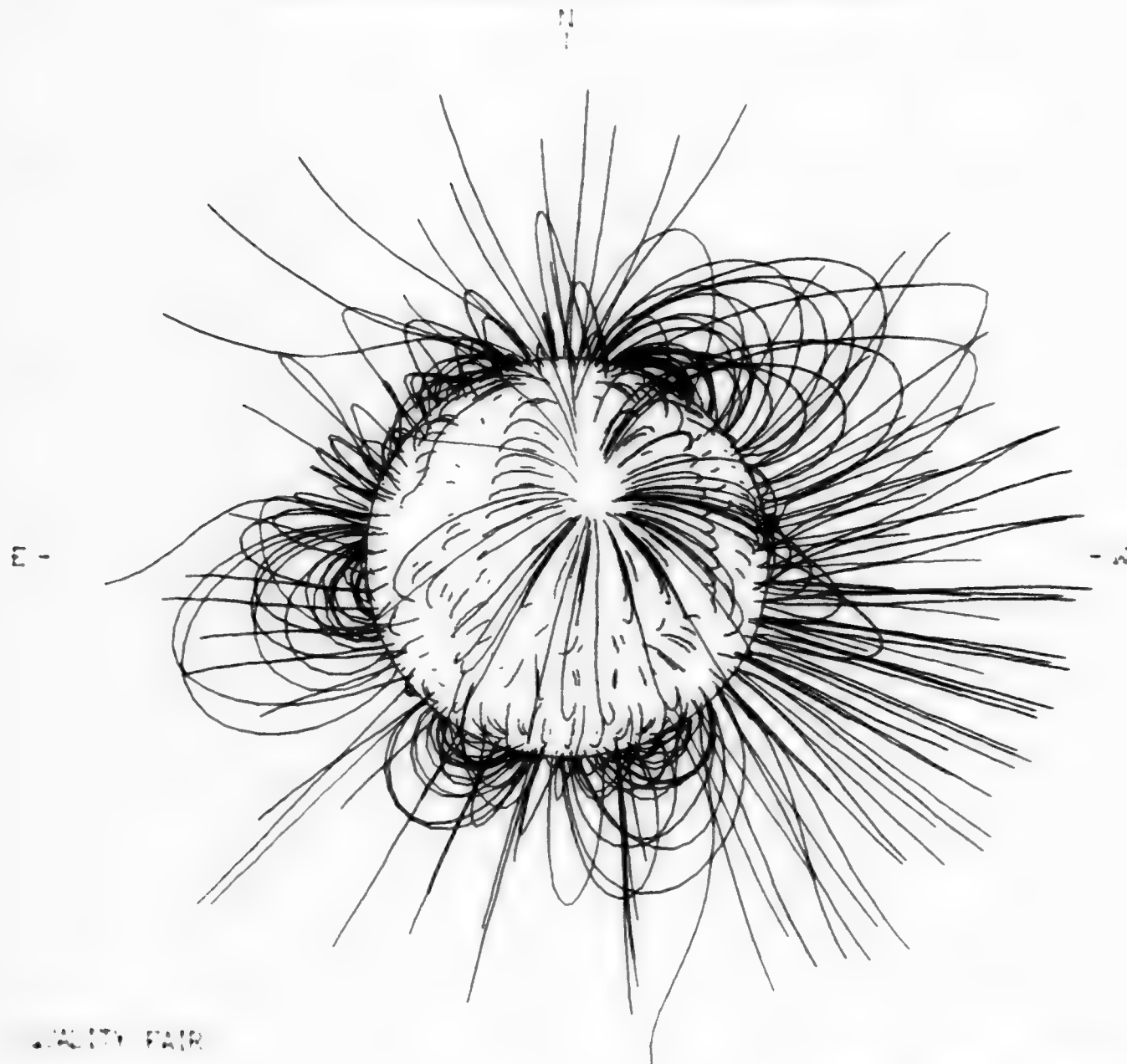


QUALITY FAIR
 RULES AVERAGED
 DATA AREA 1512.47

S

R.T. 1512 1000 1000
 1000 1000 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

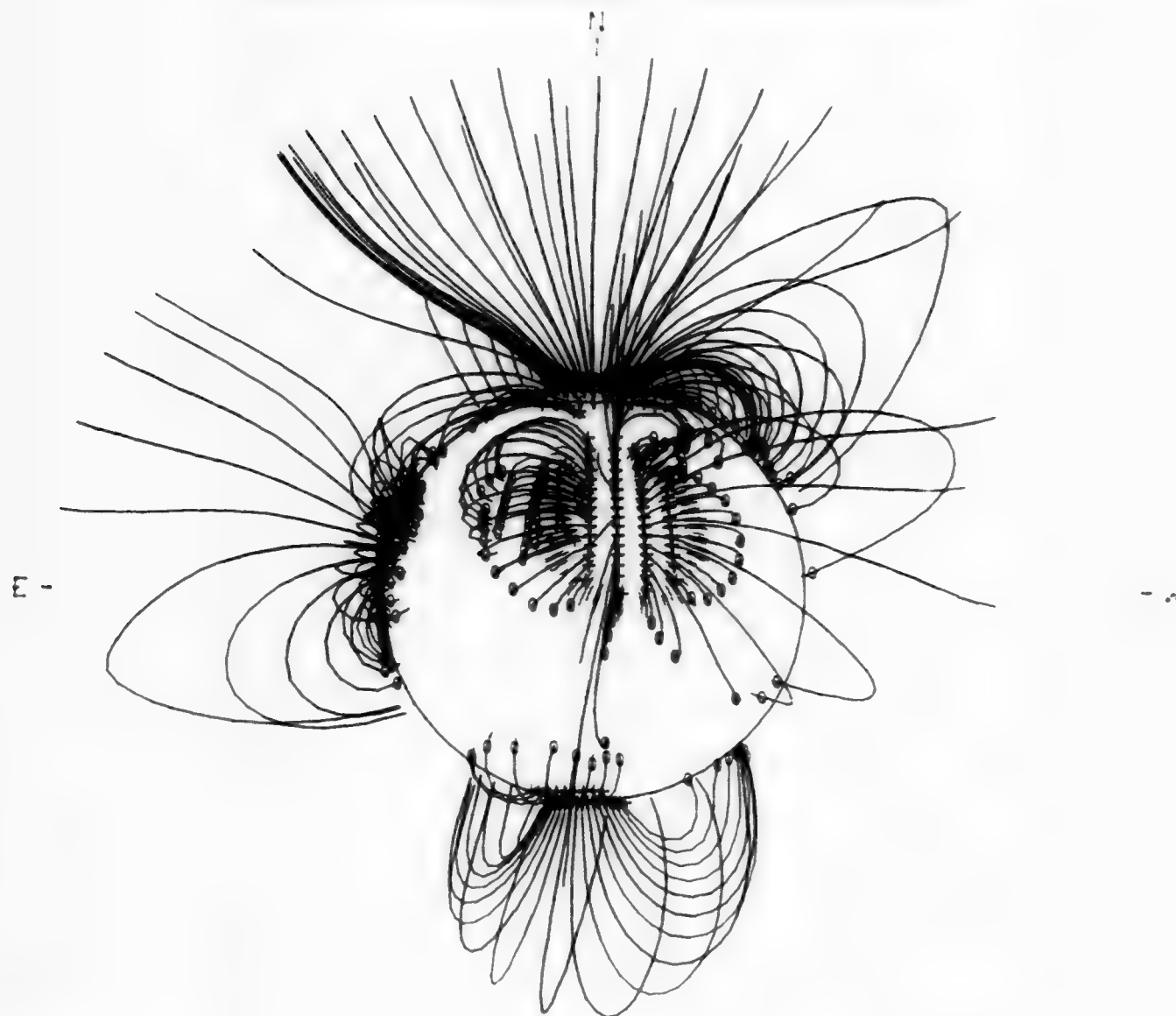
POLES AVERAGED

DATA WINDOW 1512.47

S

RUT. 1513 1012.47
9.7 1012.47

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

PILES AVERAGED

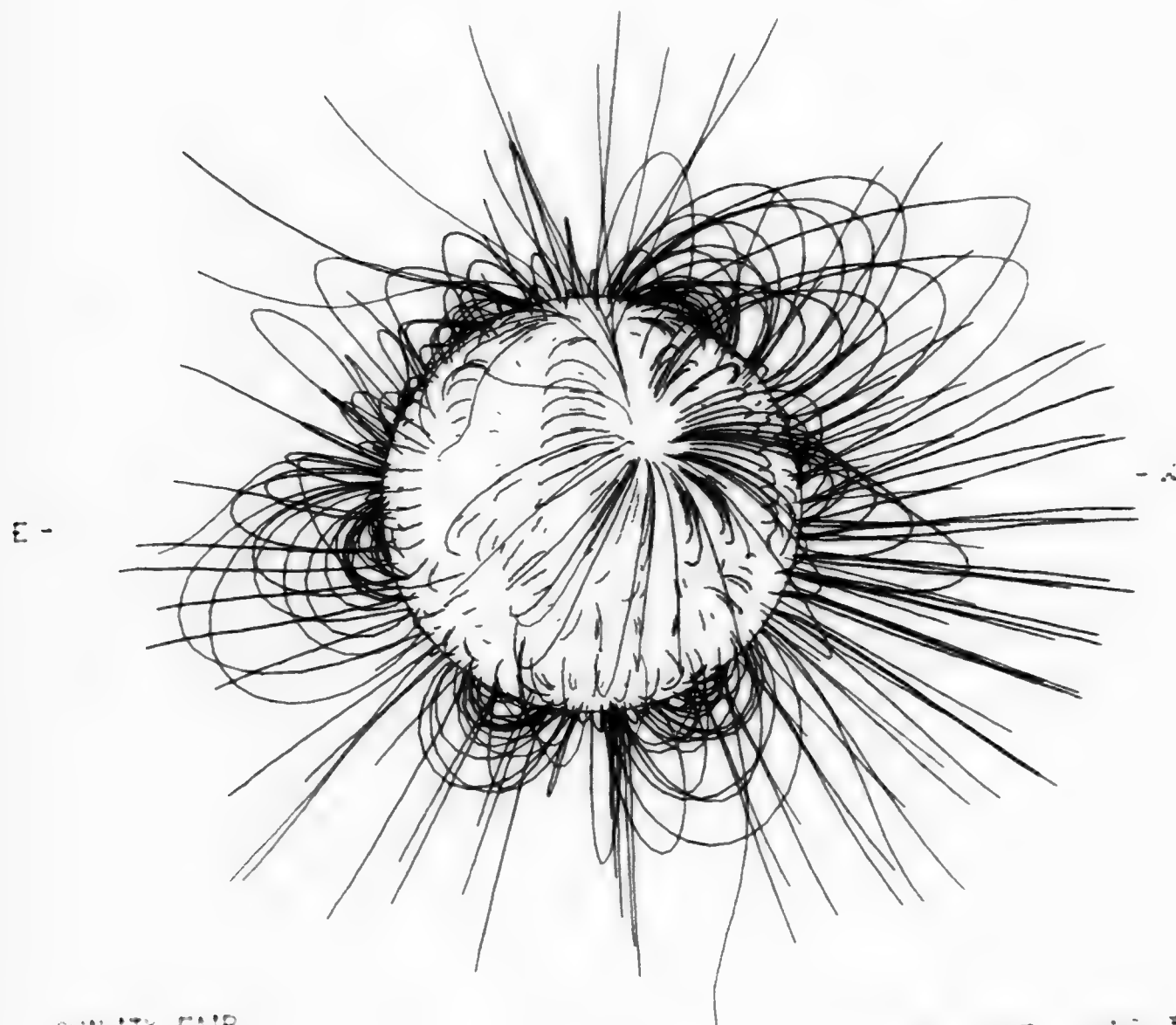
DATA W/IN 1512.57

S

ROT. 15°3' LONG. 35°

9.7 OCT 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



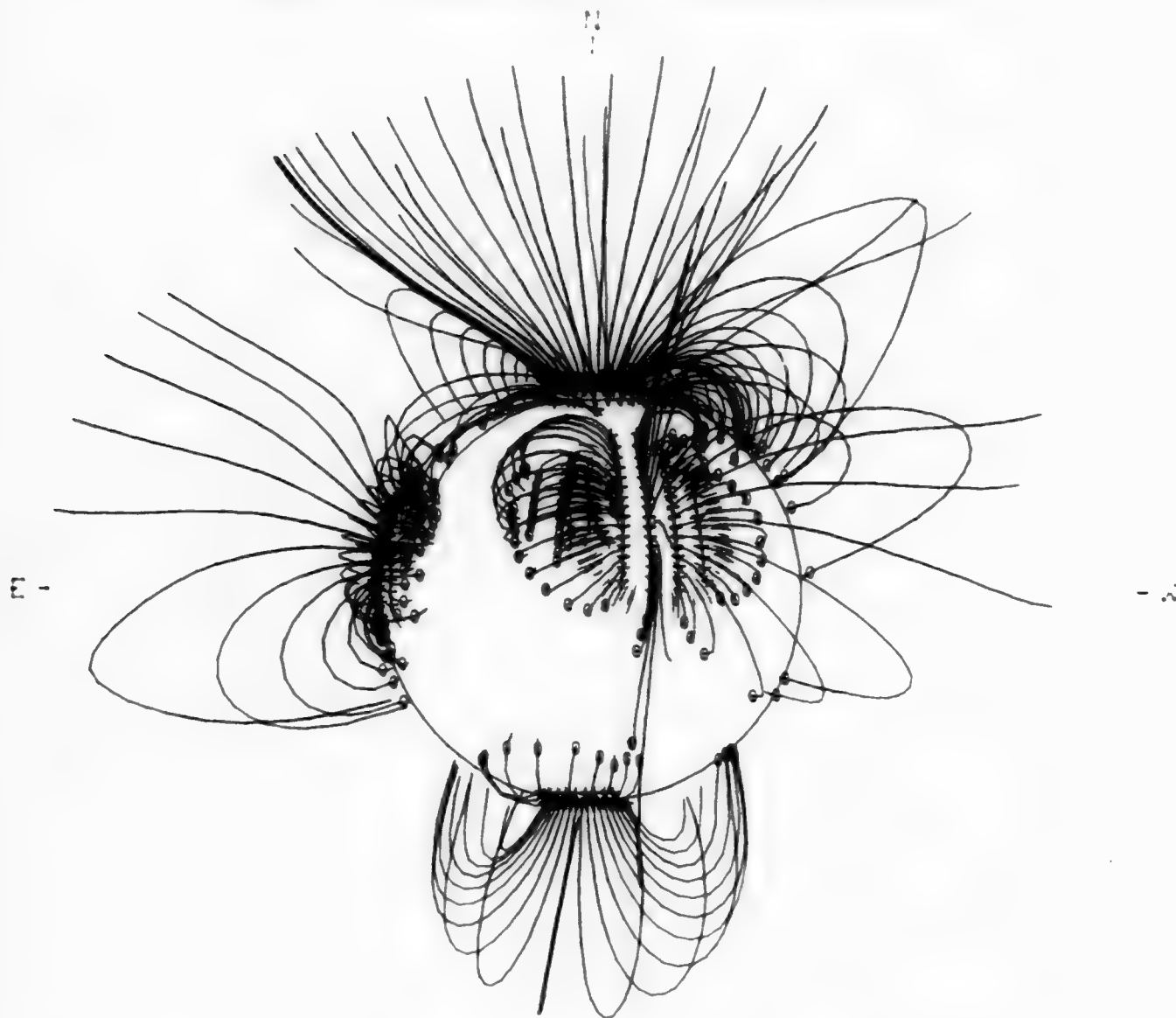
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1512.47

R.T. 15:3 1013.341°
10.5 107 1986

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

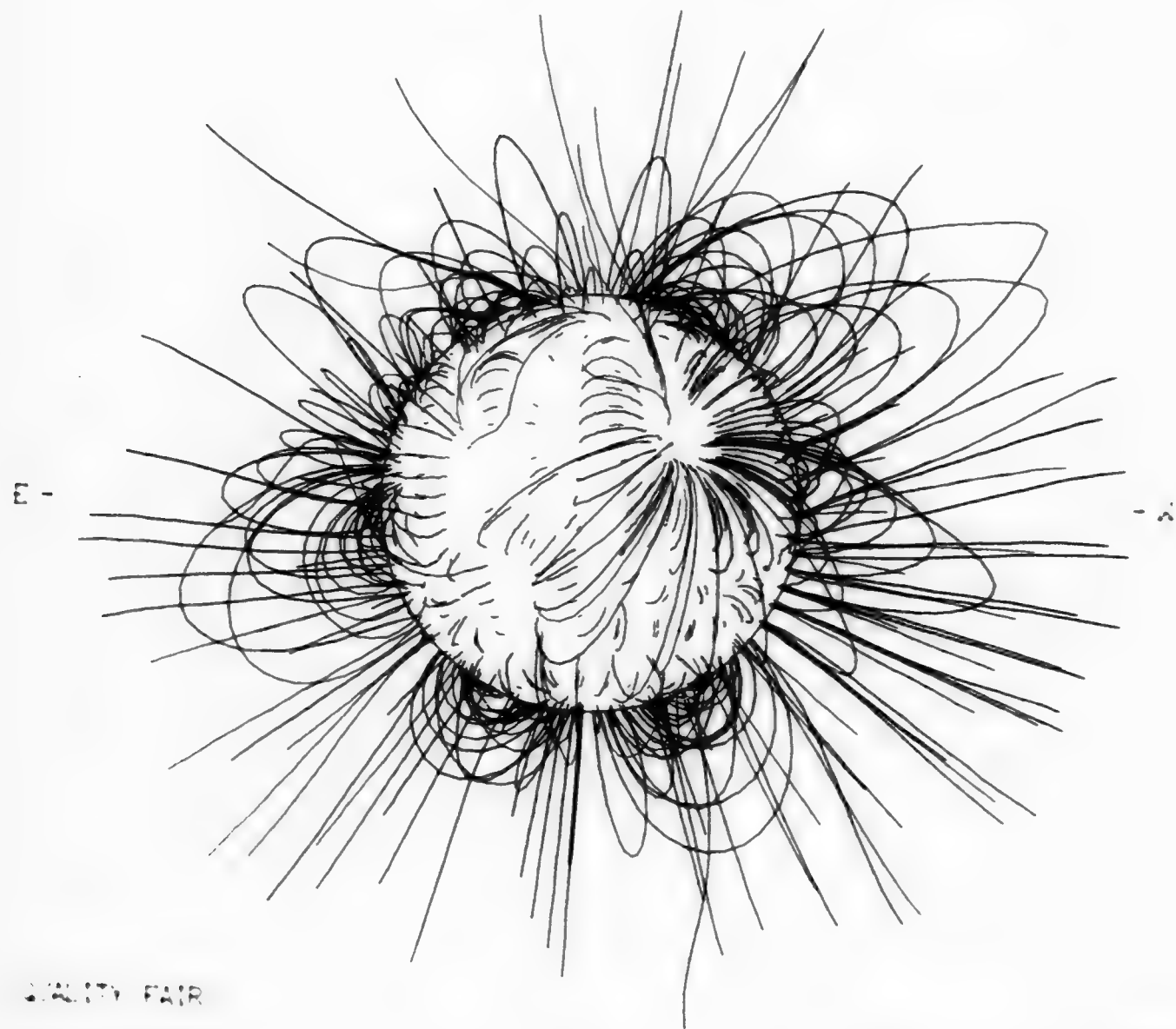
DATA WINDOW 1512.47

1
S

RUT. 1513 000. 300°

10.5 107 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

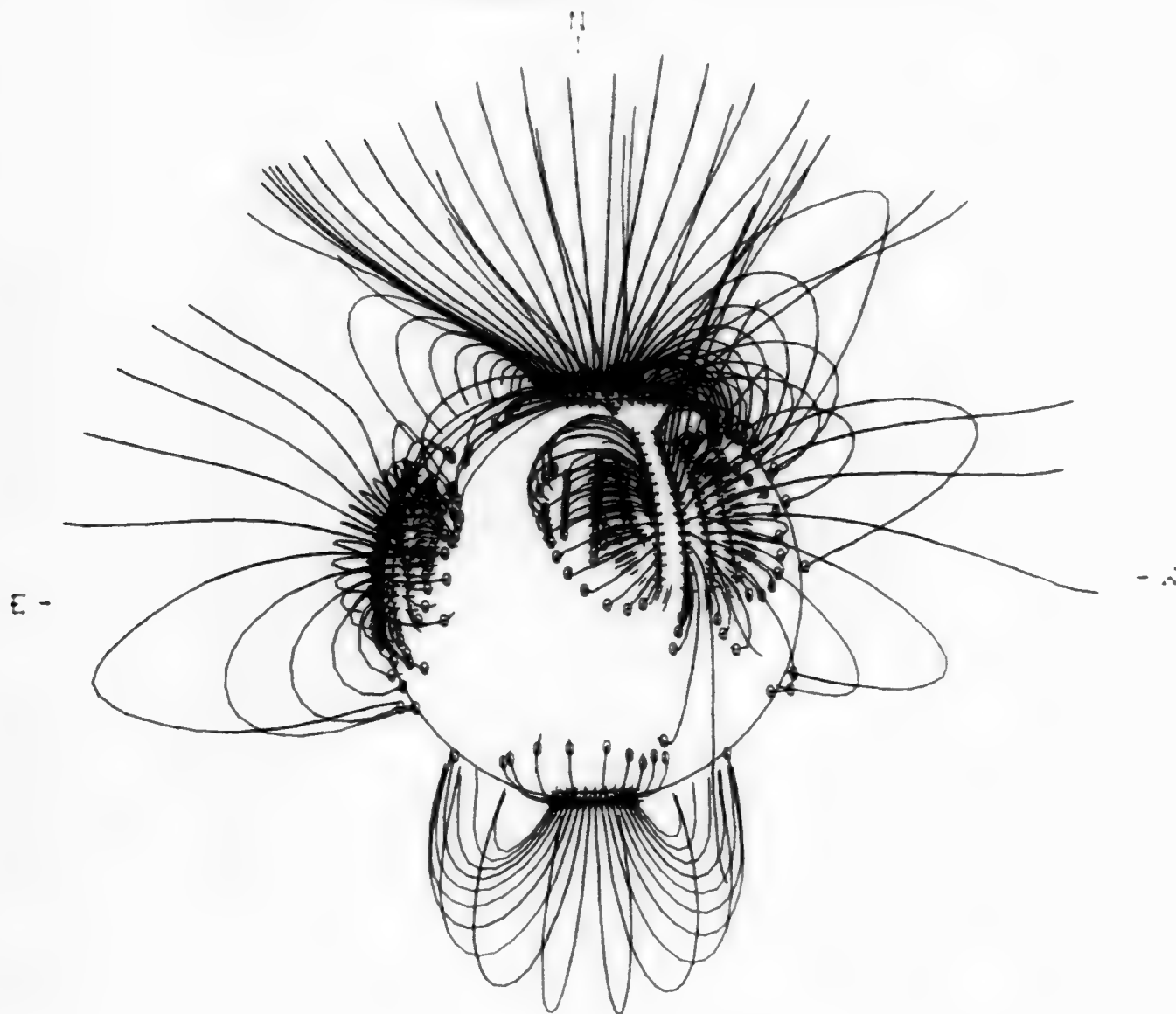


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1512.47

S

ROT. 15°S LONG. 330°
11.2 107 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

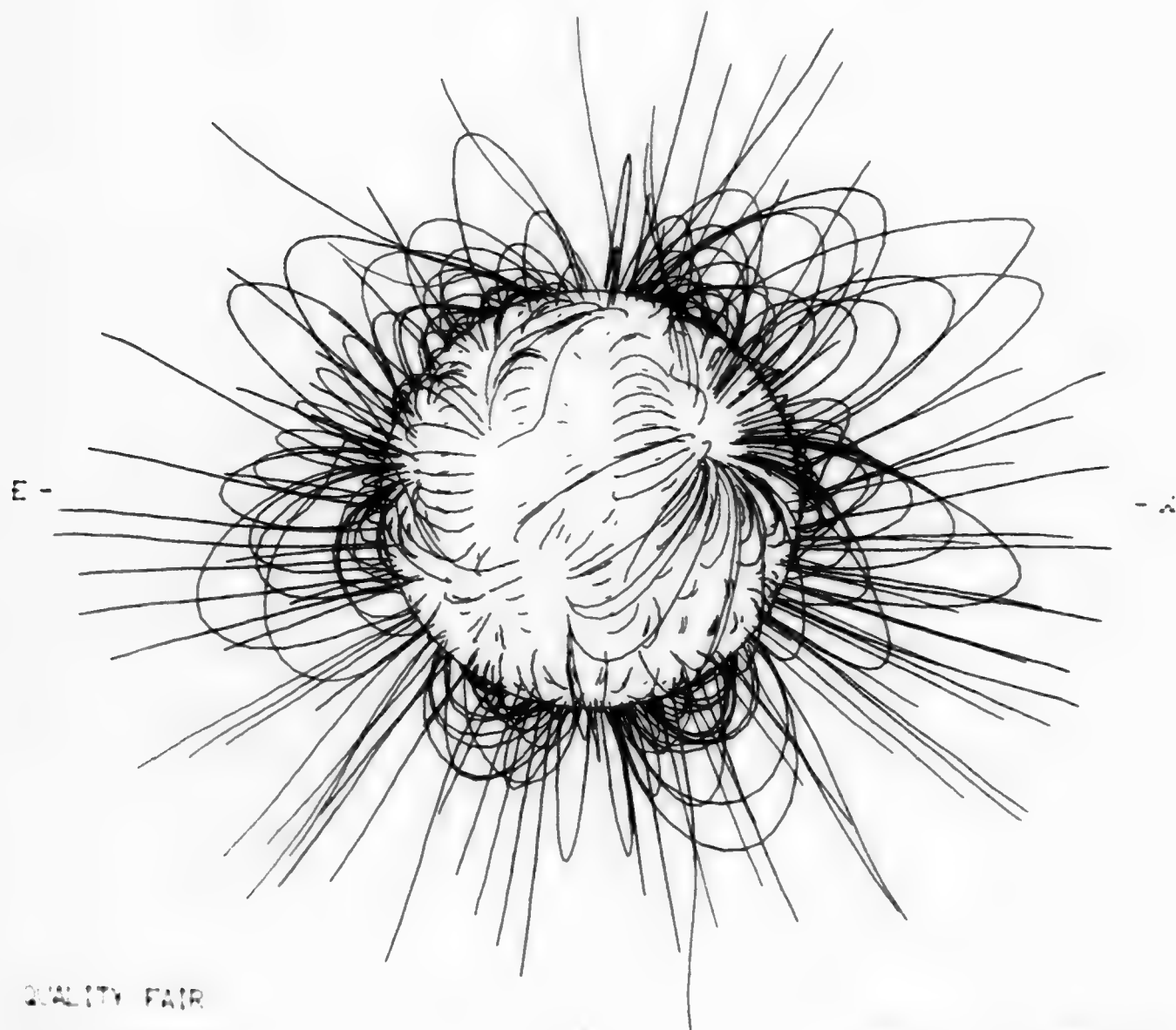
POLES AVERAGED

DATA WINDOW 1512.47

S

ROT. 1513 LONG. 351°
11.2 107 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

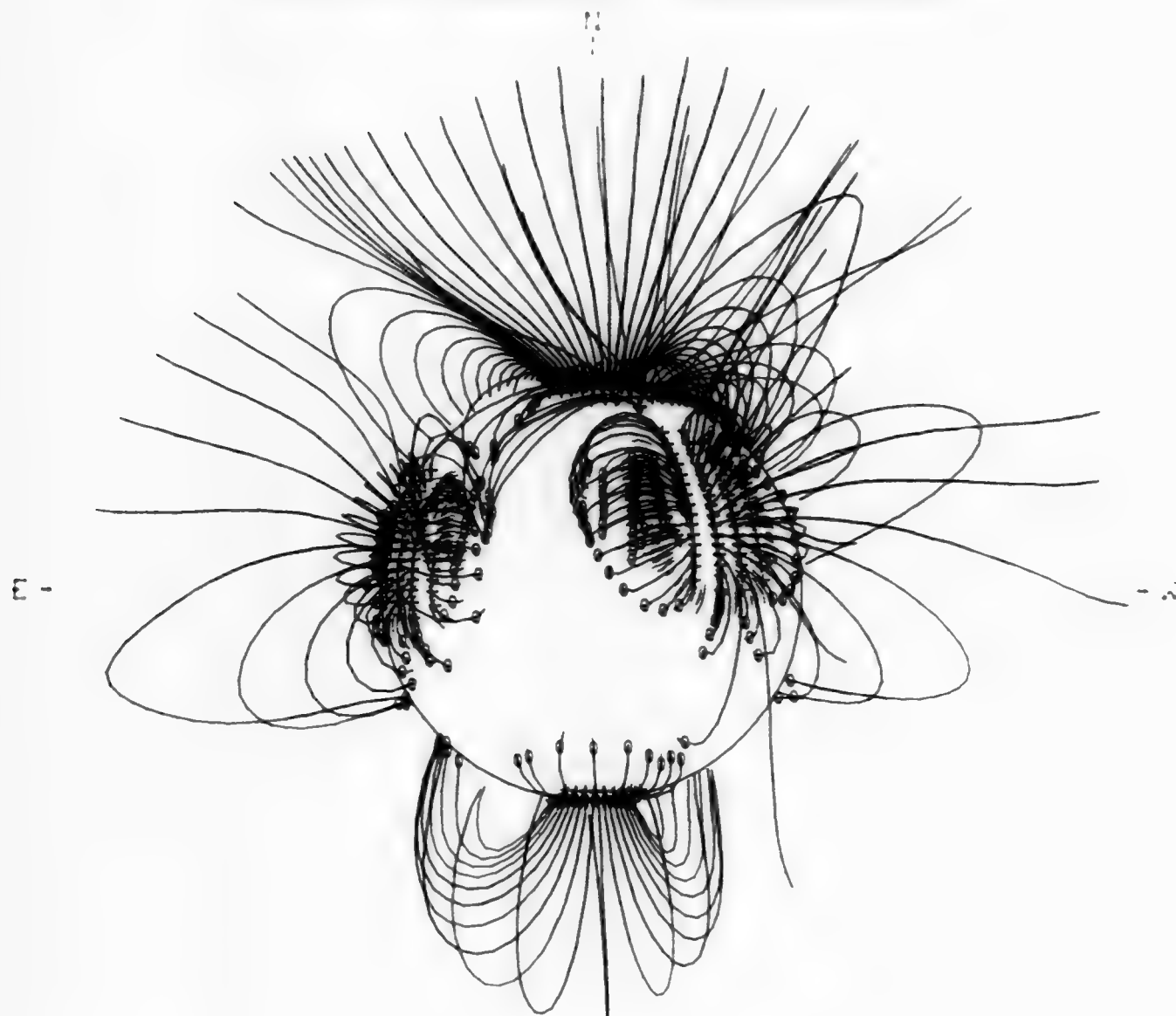
DATA WINDOW 1512.47

S

ROT. 15.3 LONG. 500°

10.0 107 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

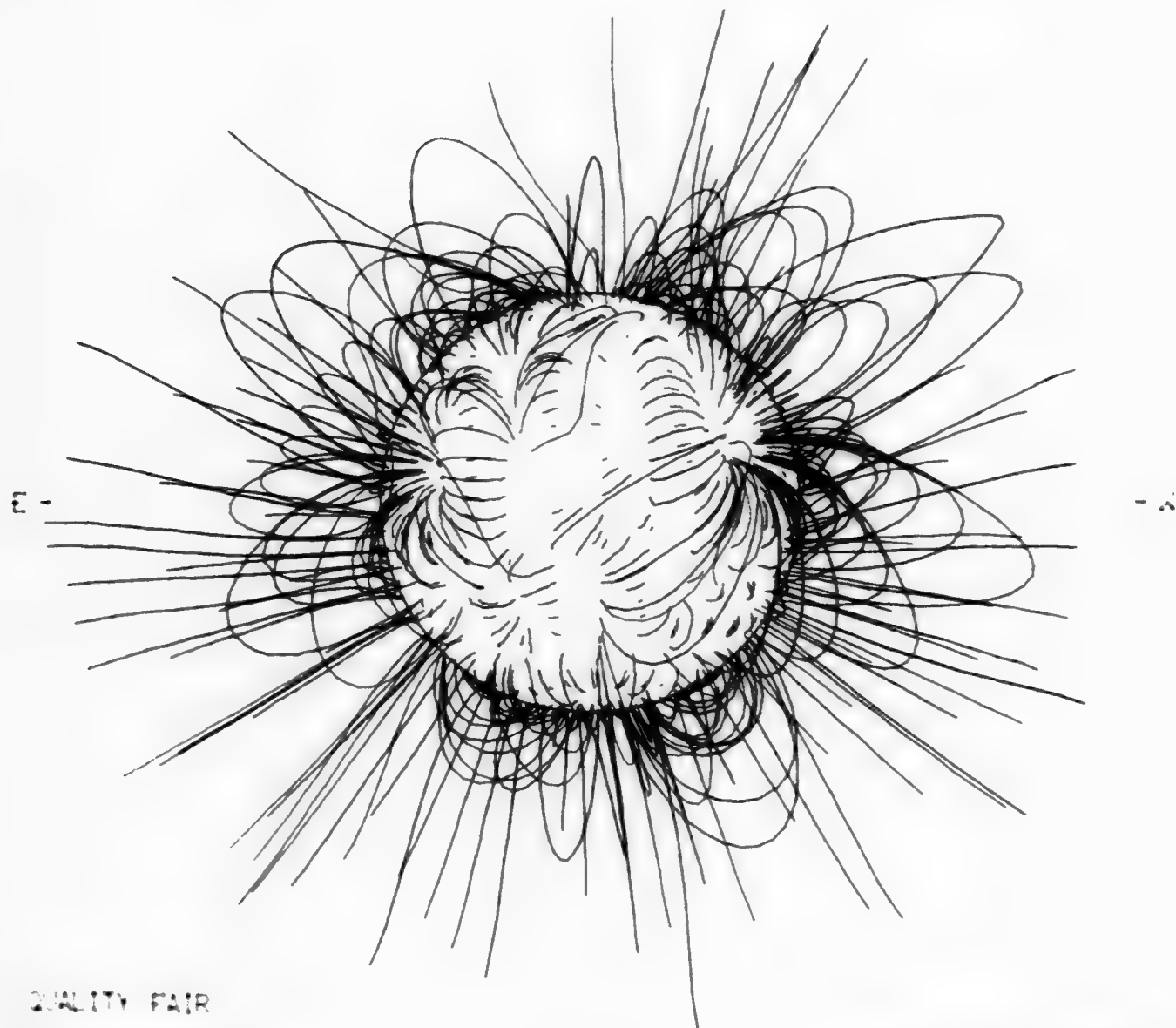
DATA WINDOW 1512.47

S

ROT. 1513 LONG. 301°

12.0 107 1955

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

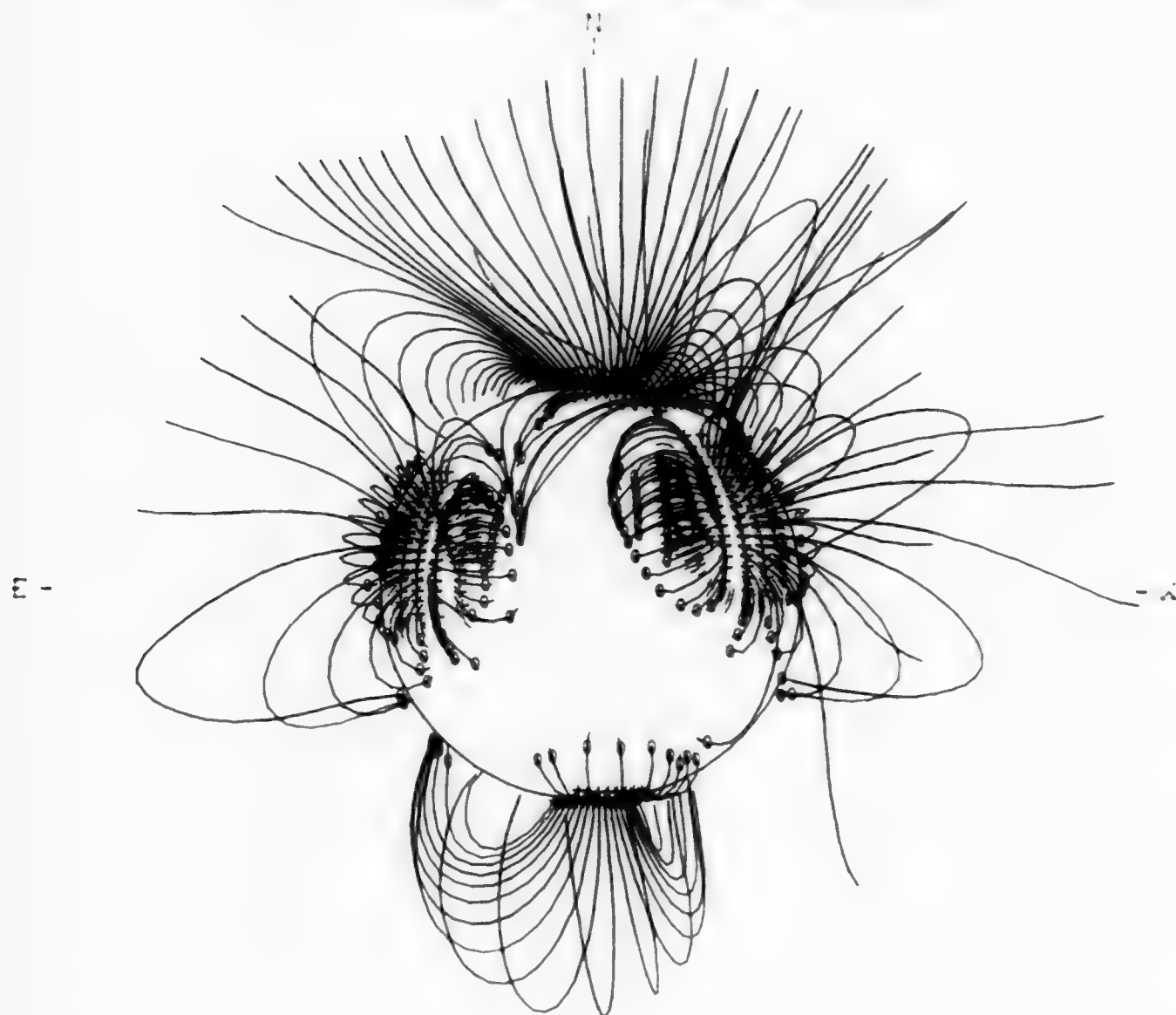
DATA WINDOW 1512.47

S

ROT. 15.3 LONG. 3.1°

12.8 107 1986

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

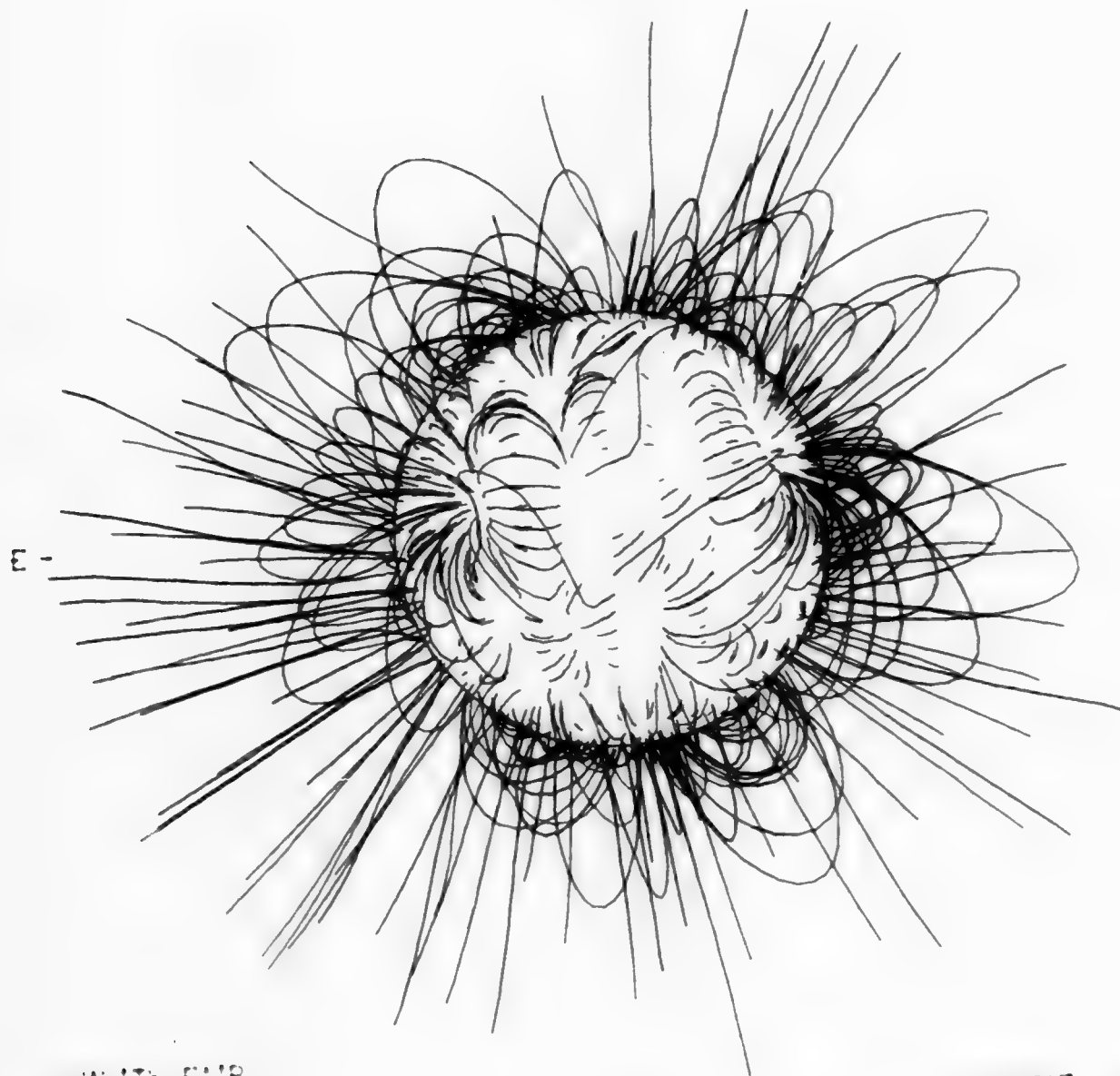
DATA WINDOW 1512.47

S

R.T. 1513 L.O. 1514

12.8 107 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

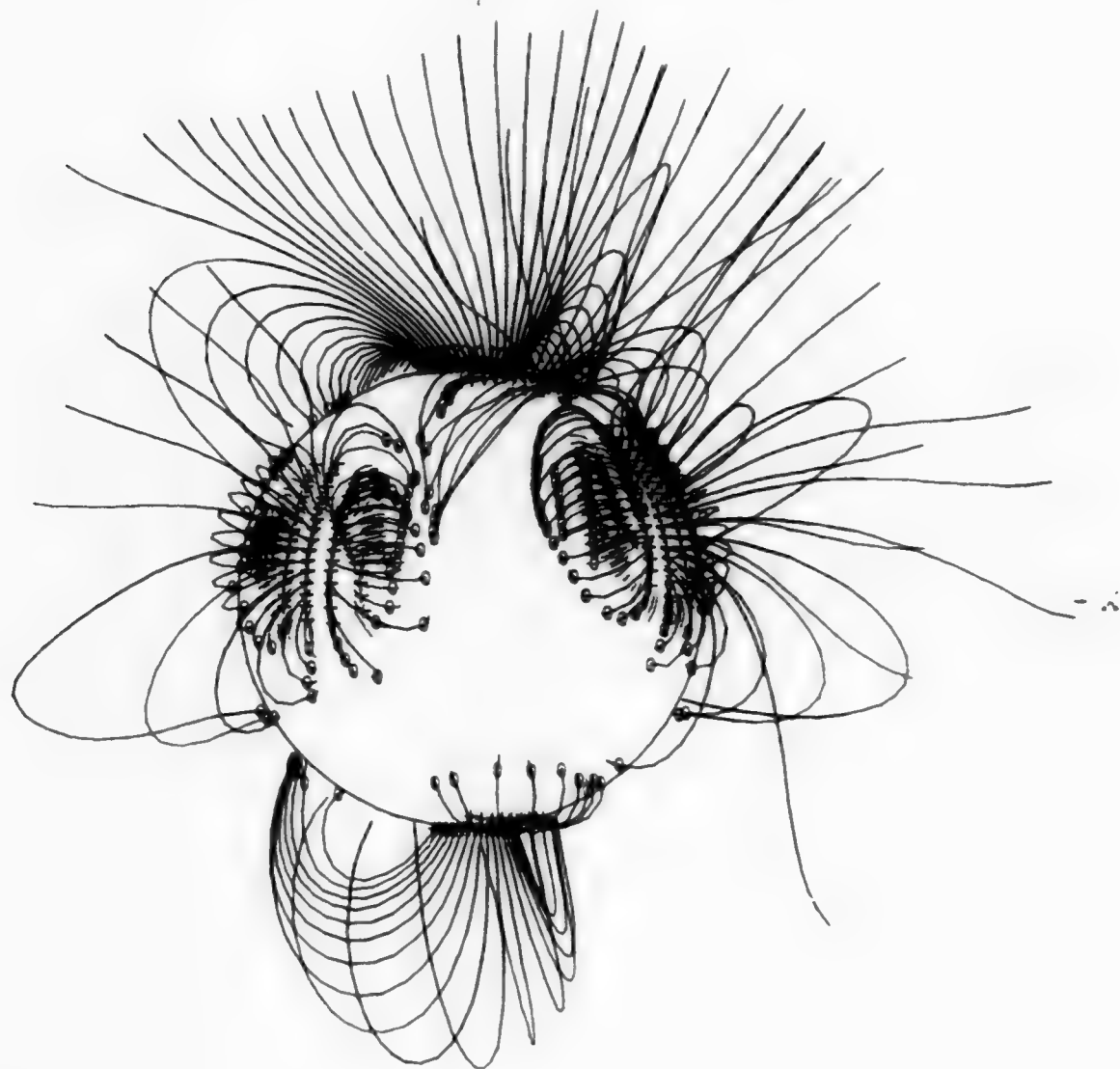
FILES AVERAGED

LATA WINDOW 1512.47

2.7. '53 11.0. 300°
13.5 007 1955

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

POLES AVERAGED

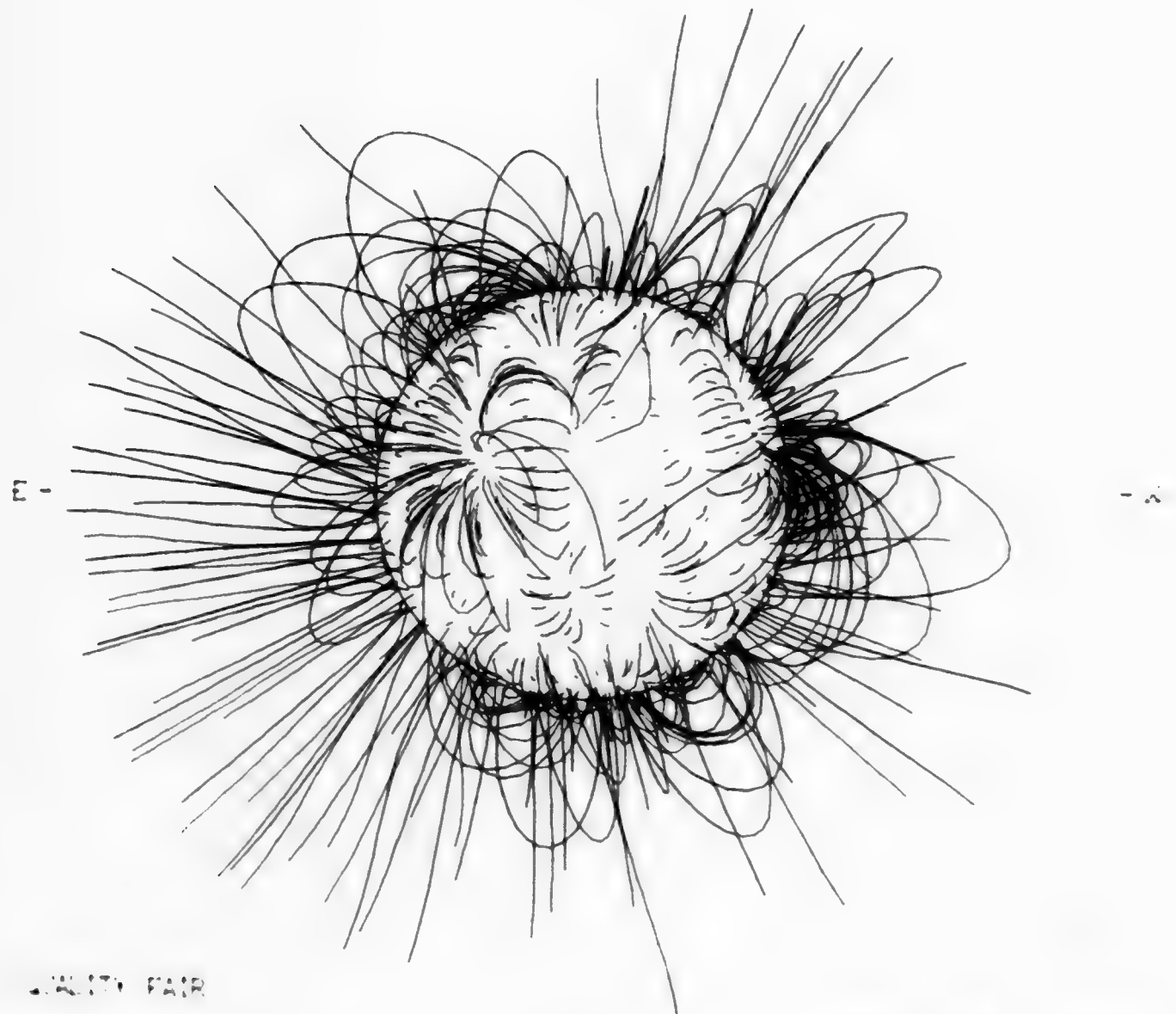
DATA WINDOW 1512.47

S

8.7. '53 11.3. 500°

13.5 11.3 12.3

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

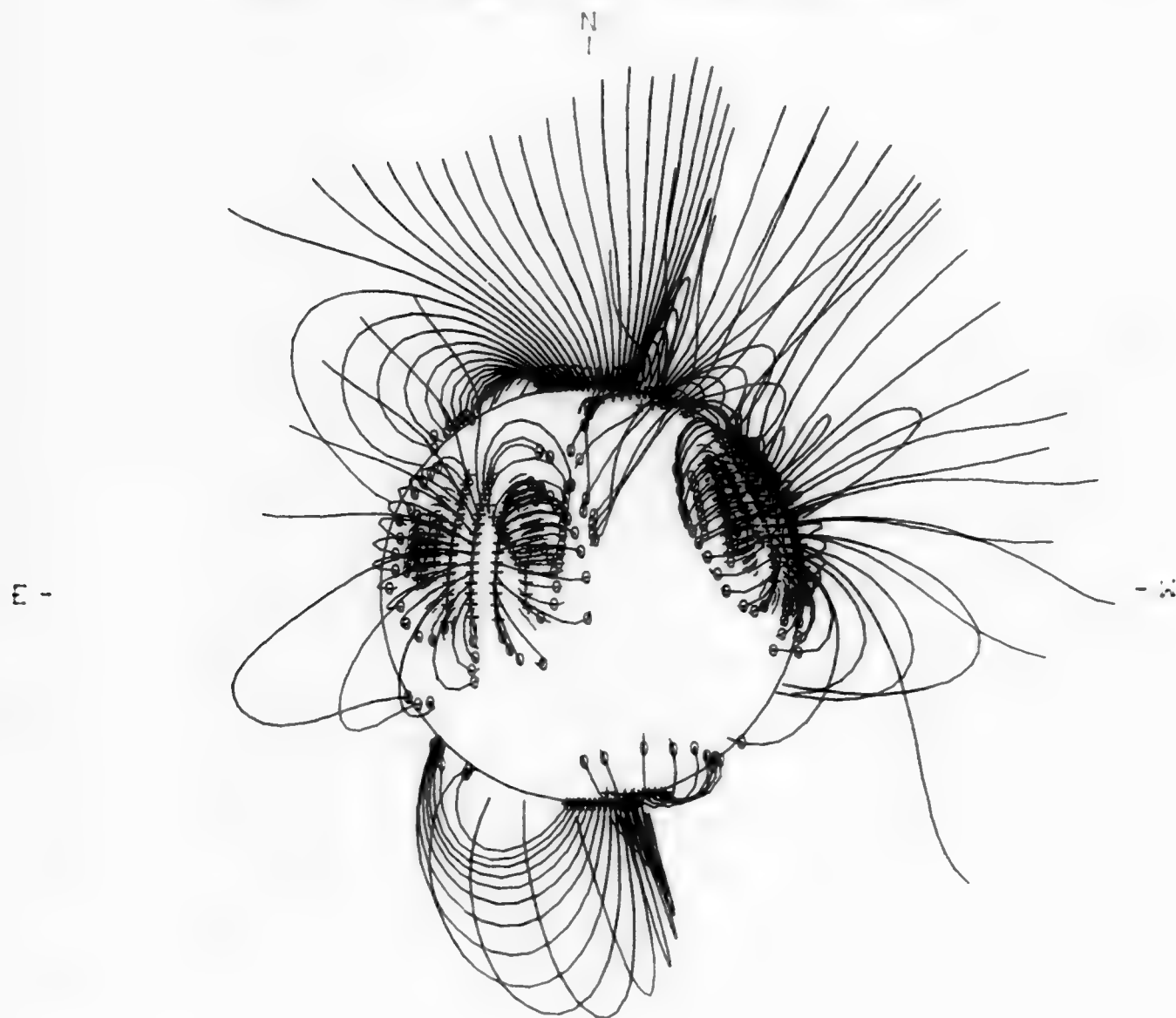
POLES AVERAGED

DATA WINDOW 1512.47

R.T. 15.3 100.000°

12.3 100.000°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

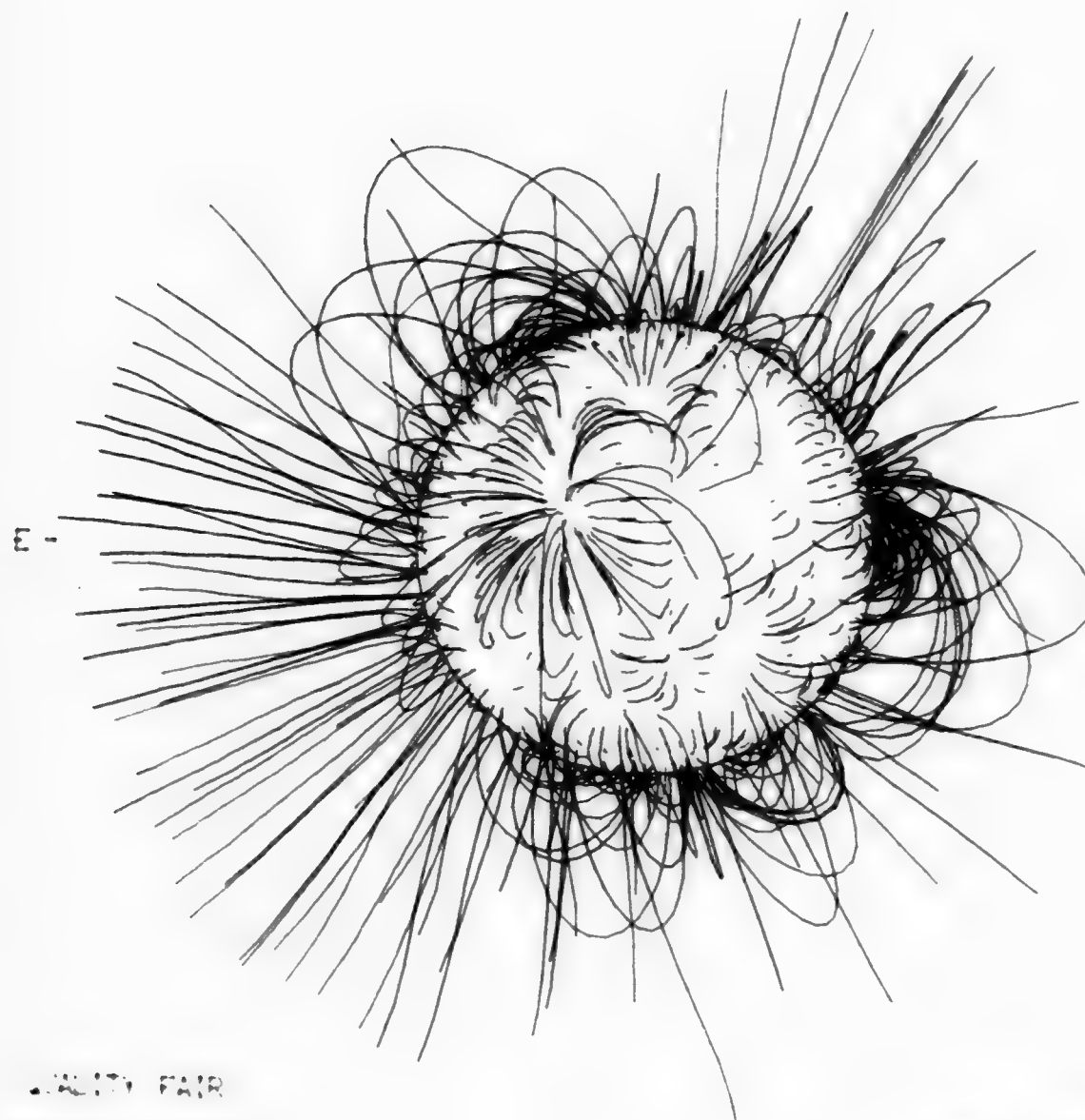
POLES AVERAGED

DATA WINDOW 1512.47

S

RUT. 1513 2010.291°
14.3 107 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES AVERAGED

DATA APPROX 1512.4"

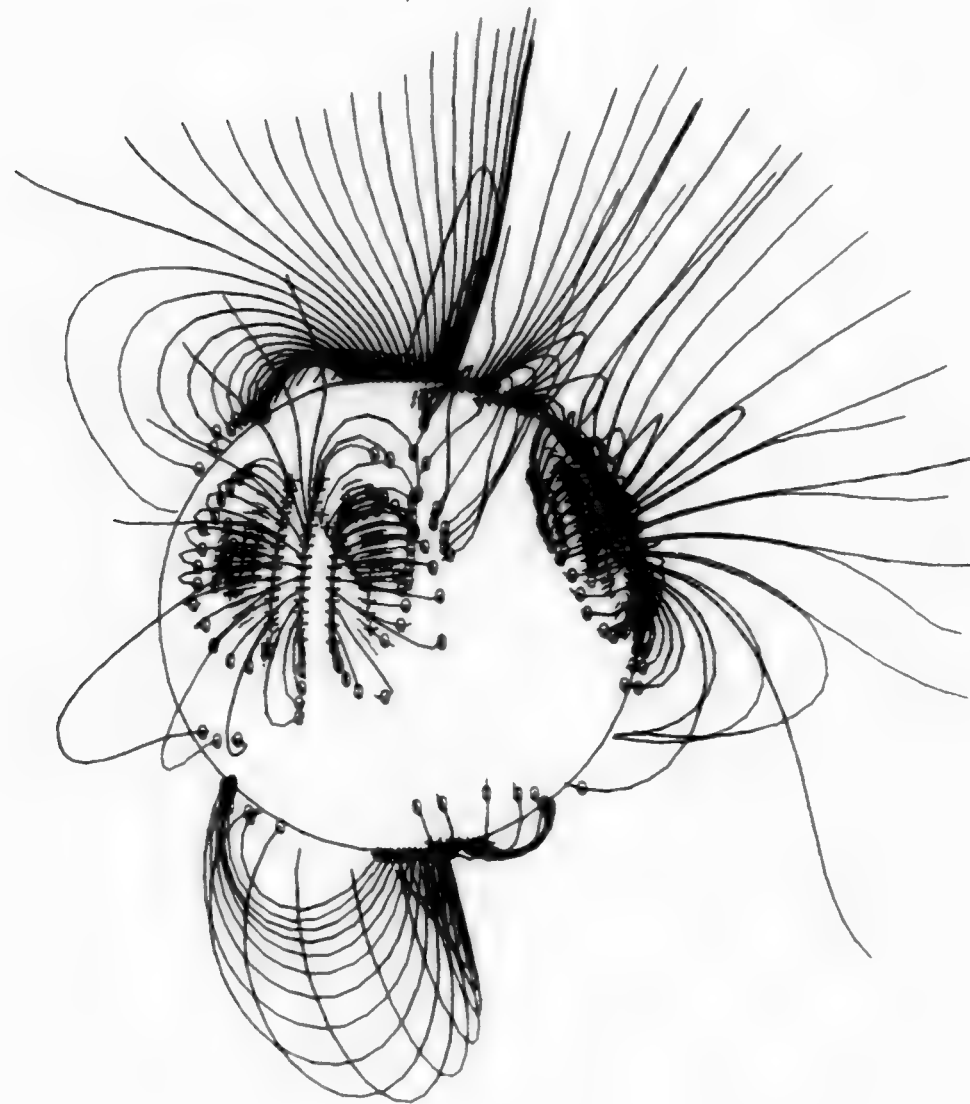
S

ROT. 15.3 1110.250°

15.0 1110.250°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

POLES AVERAGED

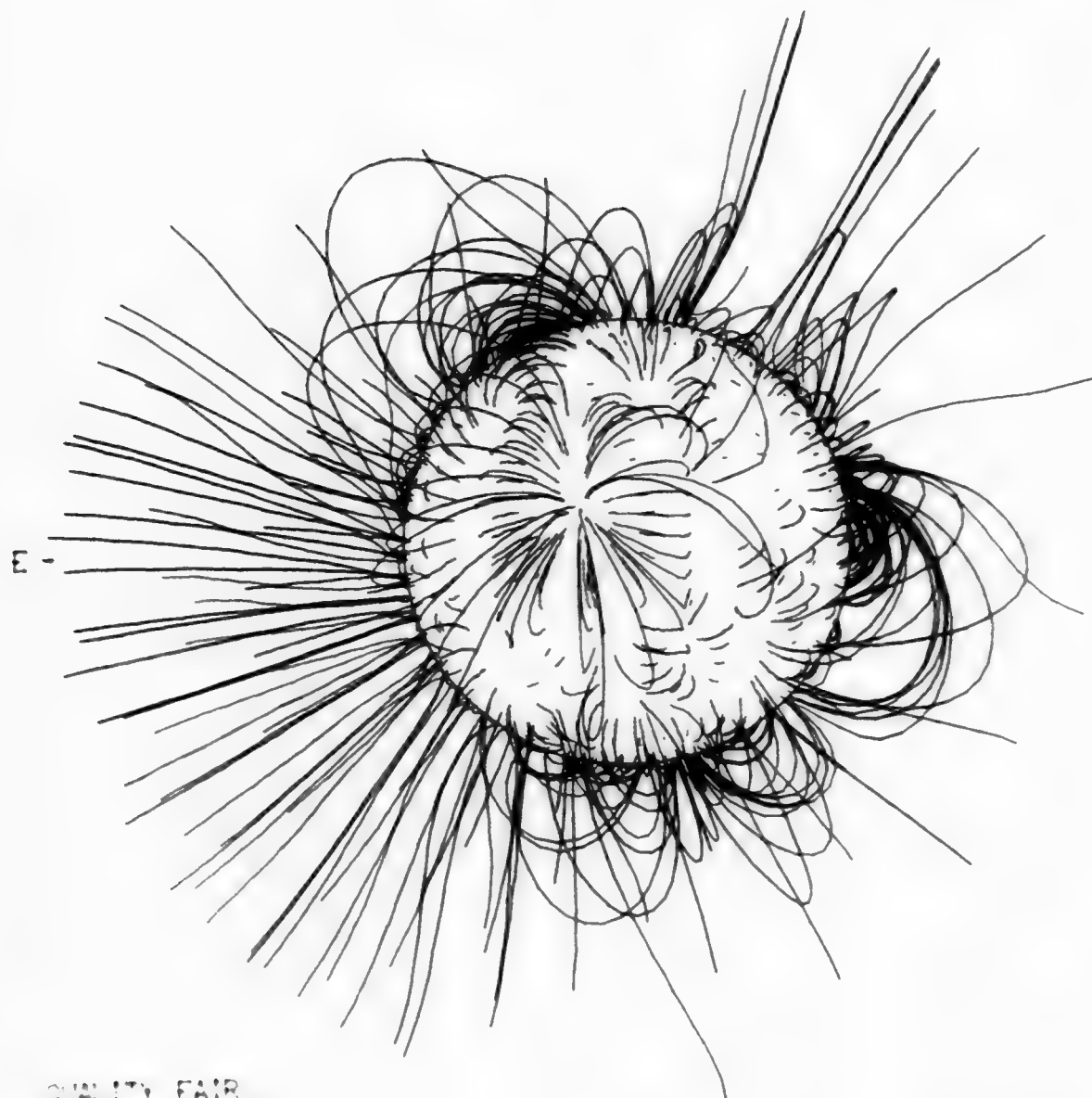
DATA WINDOW 1512.47

S

ROT. 15.3 LONG. 281°

15.0 1.7 1.006

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

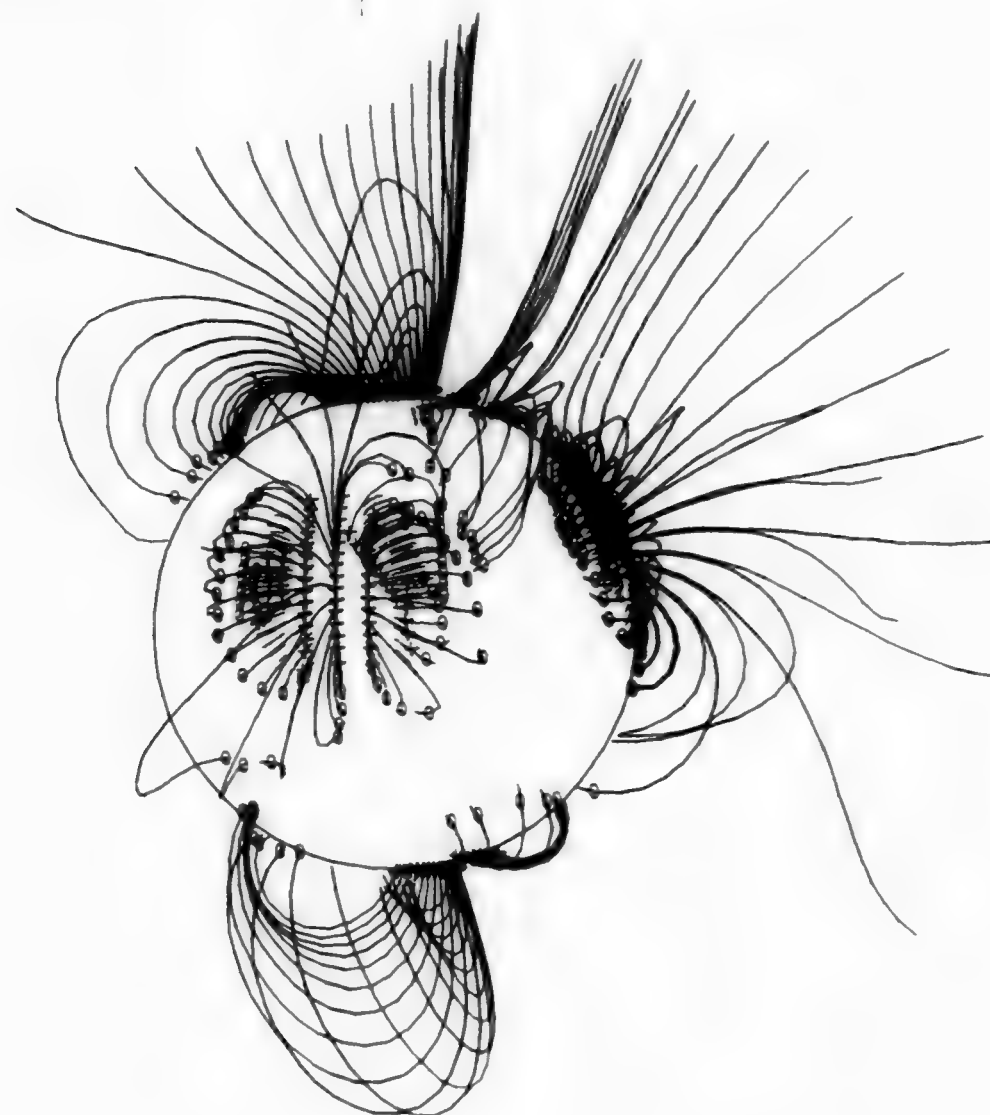
DATA APRIL 1512.47

1
S

2.7. 15.3 1.10. 27.1
15.6 1.7 1.45

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

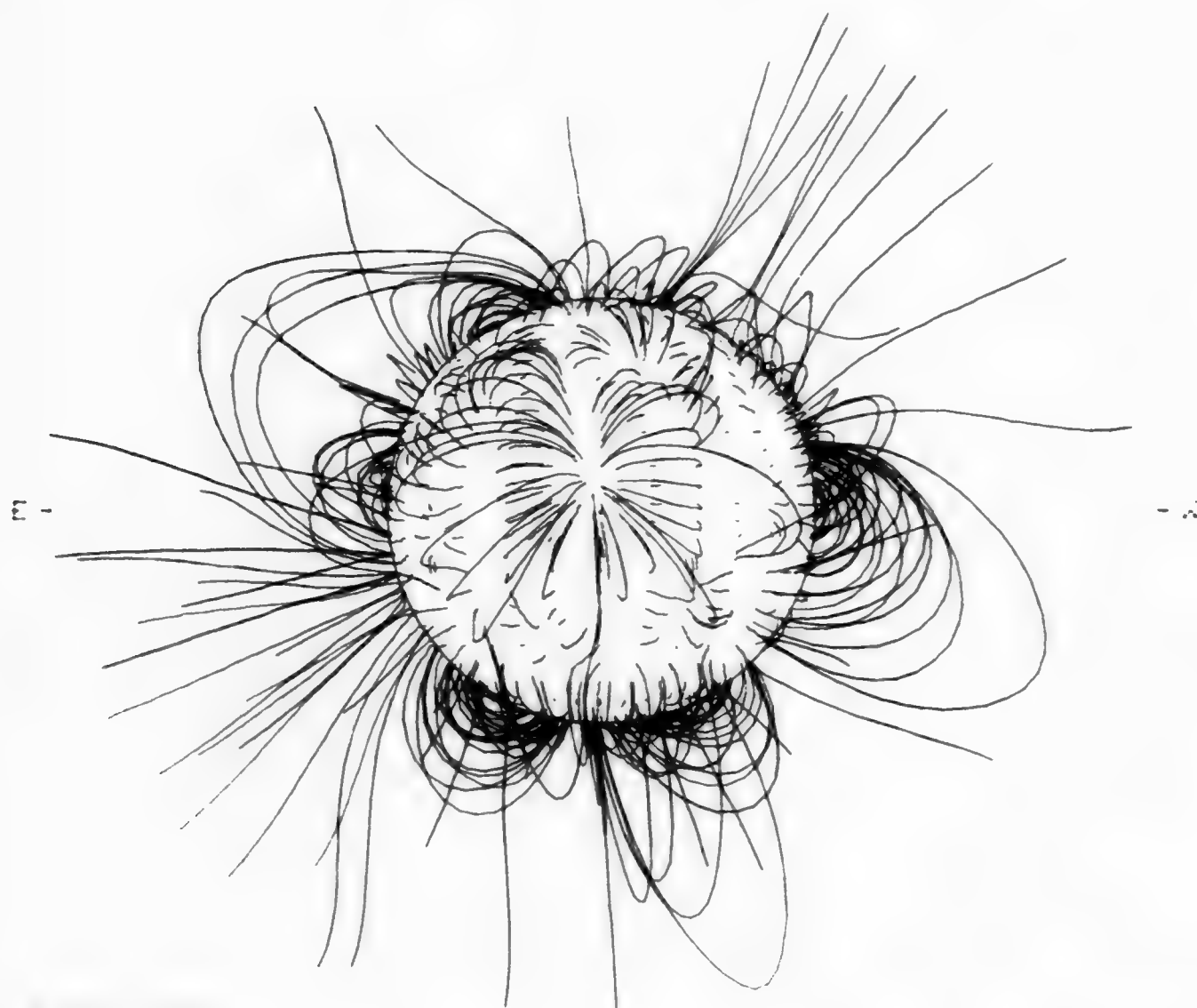


QUALITY FAIR
FILES AVERAGED
DATA WINDOW 1512.47

S

RJ. 15.5 100.271°
15.6 107 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

HALES AVERAGE

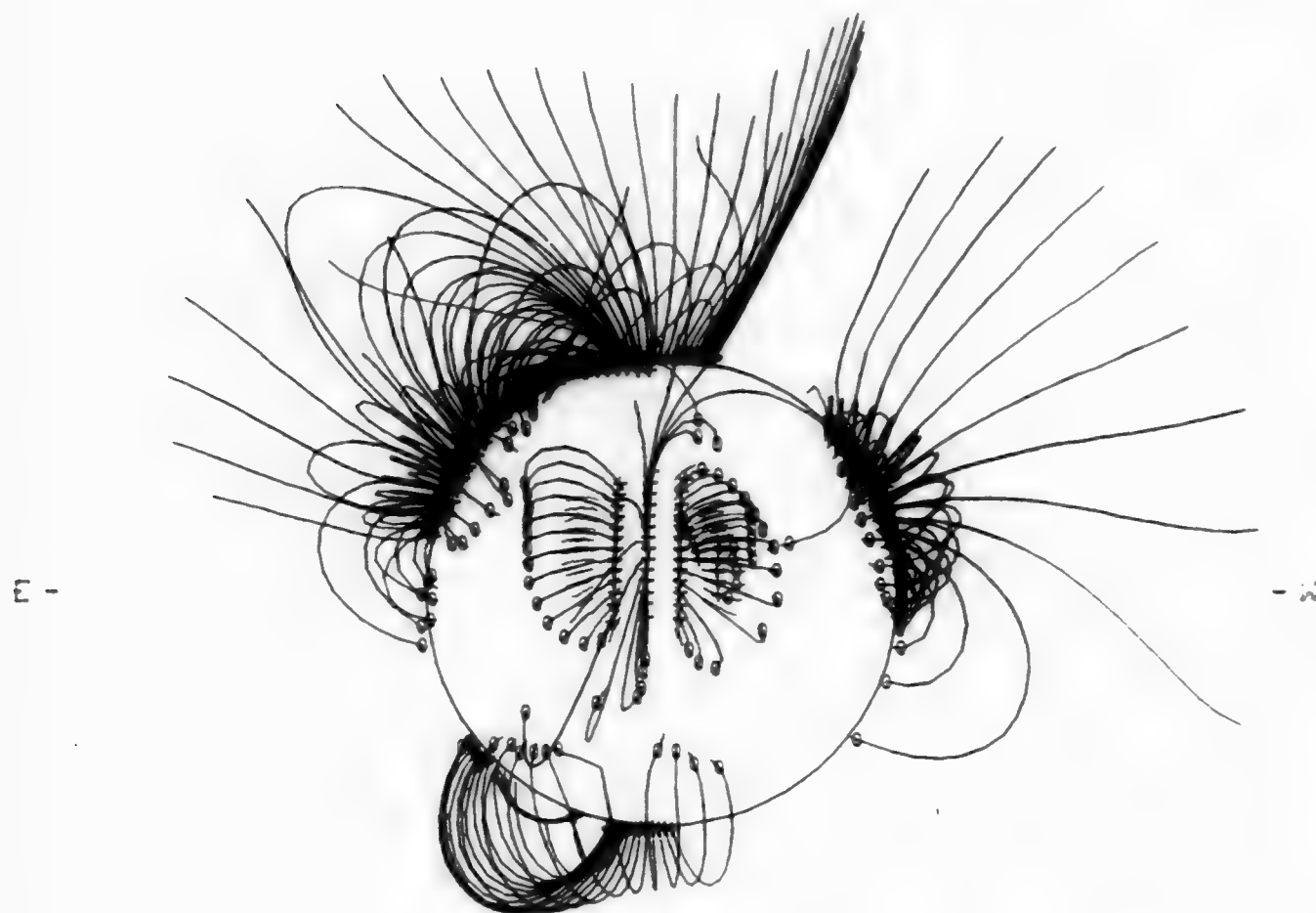
DATA WIDE W 1513.00

S

ROT. 1513 1013.00

16.5 1.7 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES AVERAGE

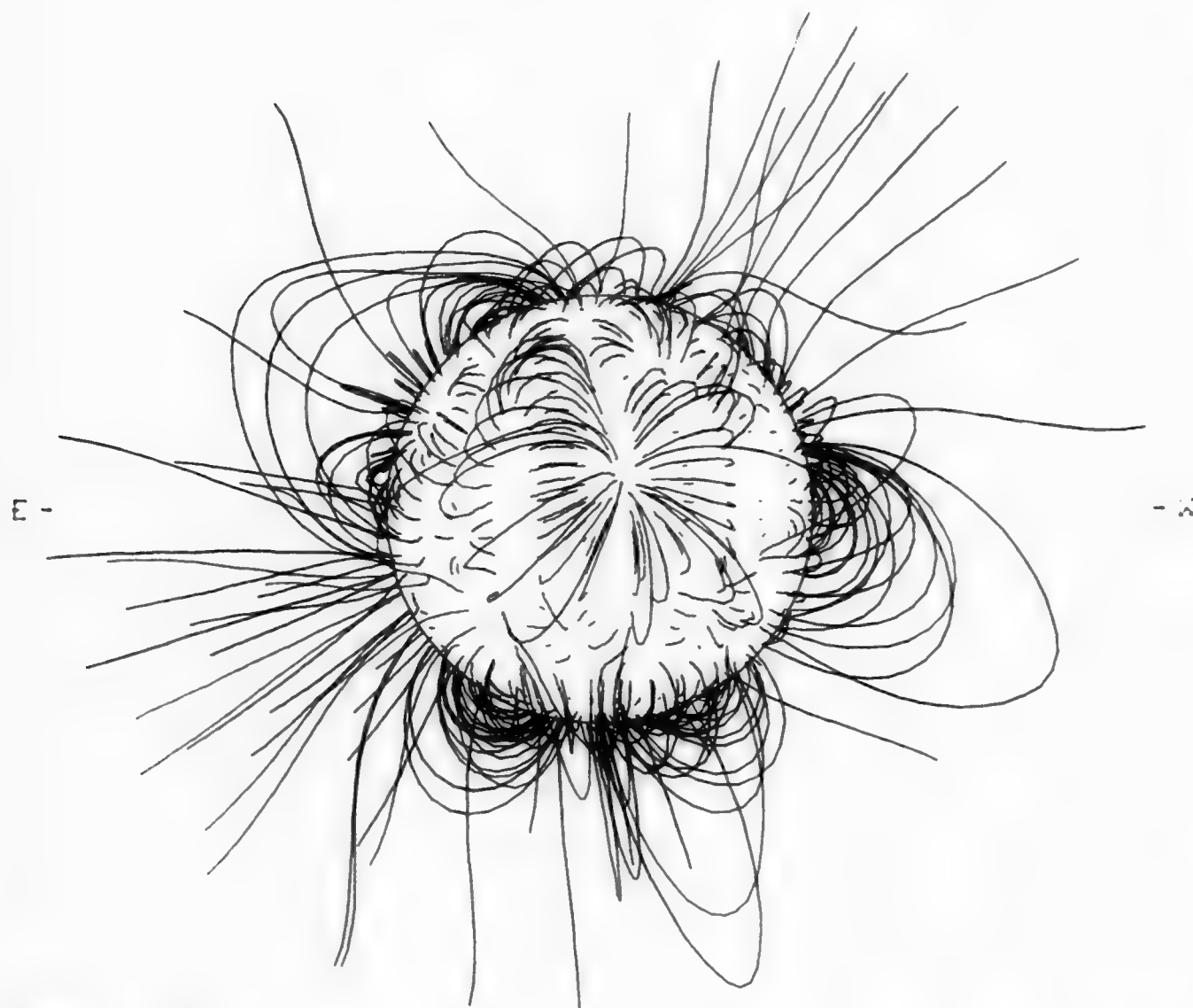
DATA WINDON 1513.00

1
S

RET. 1513 1013.151

15.6 101 1015

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

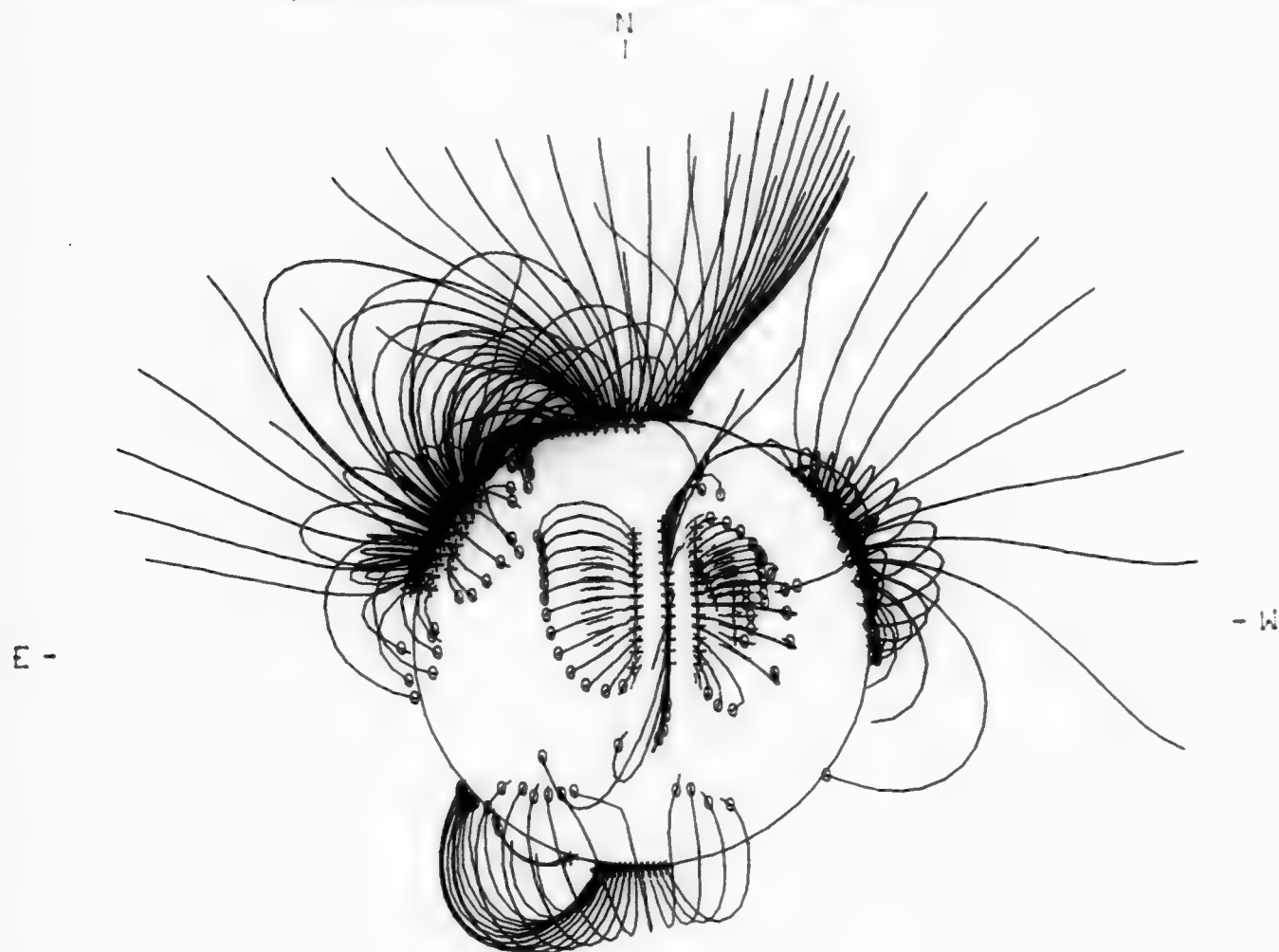
DATA WINDOW 1513.00

S

RGT. 1513 2013.250°

17.3 107 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

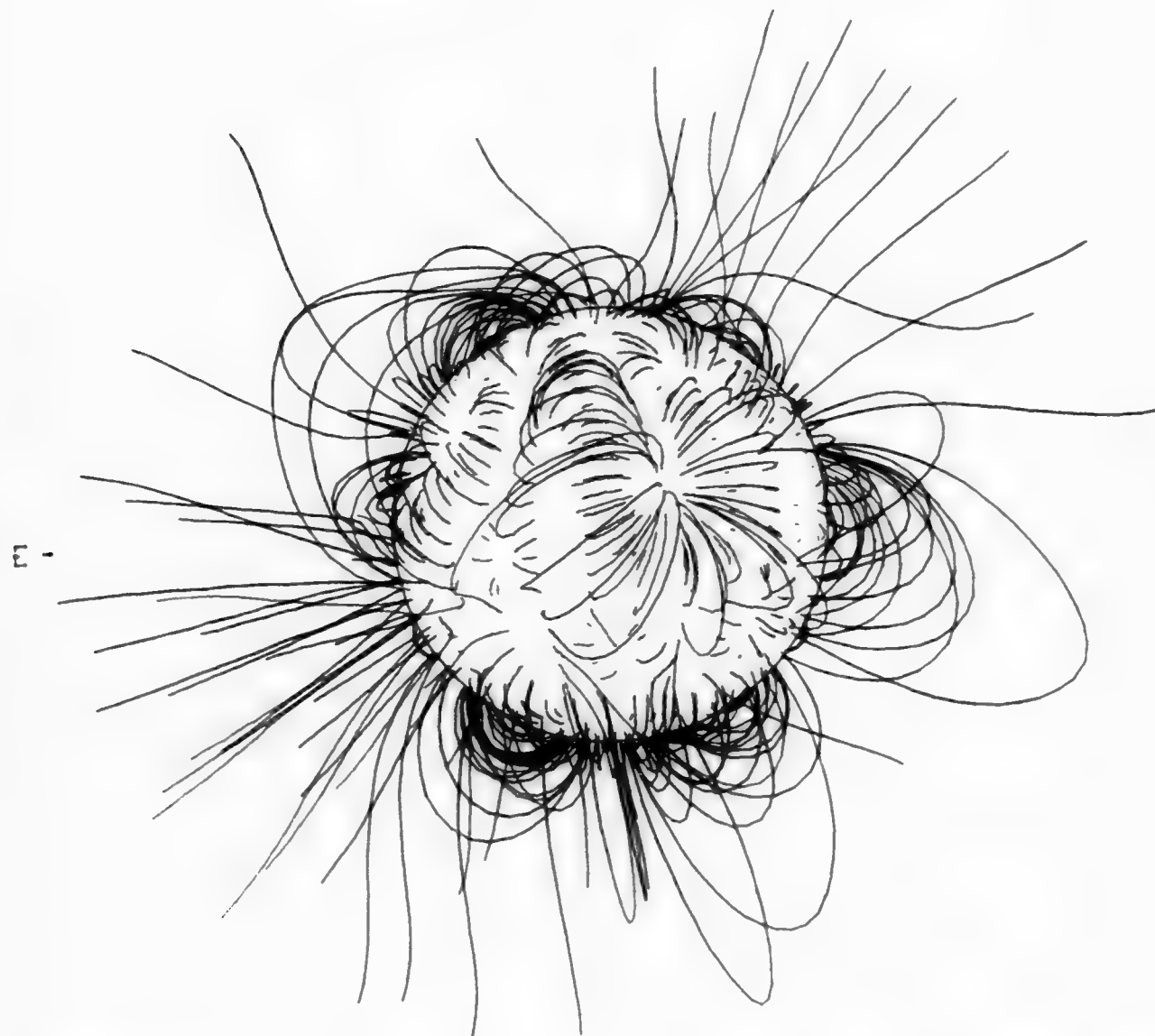
POLES AVERAGED

DATA WINDOW 1513.00

S

ROT. 1513 LONG. 251°
17.3 007 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

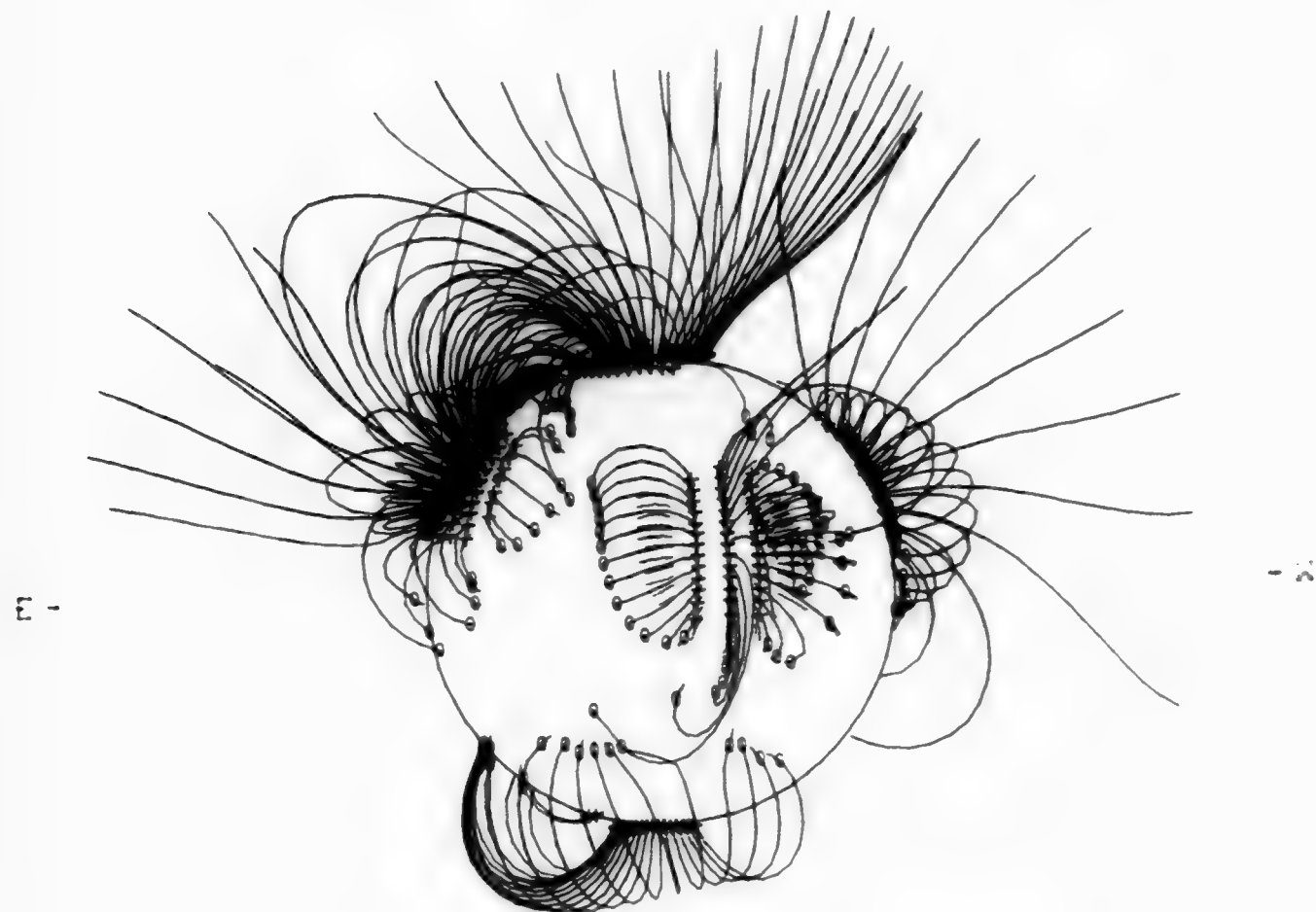


QUALITY FAIR
FILES AVERAGED
DATA WINDOW 1513.00

S

ROT. 15.3 210.241°
18.1 17 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

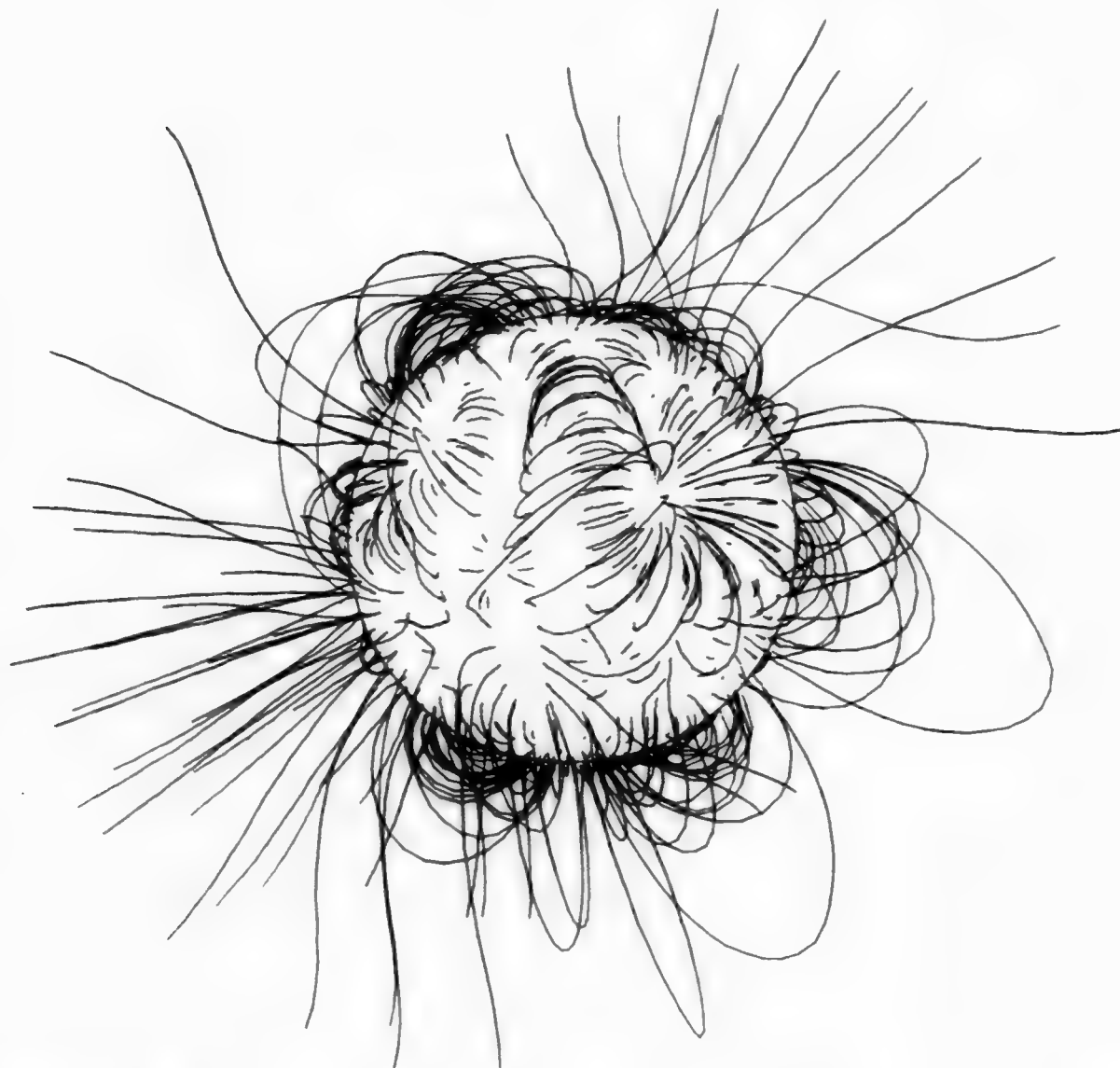
POLES AVERAGED

DATA WINDOW 1513.00

S

R.T. 1513 L.O.B. 241°
18.1 17 1996

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

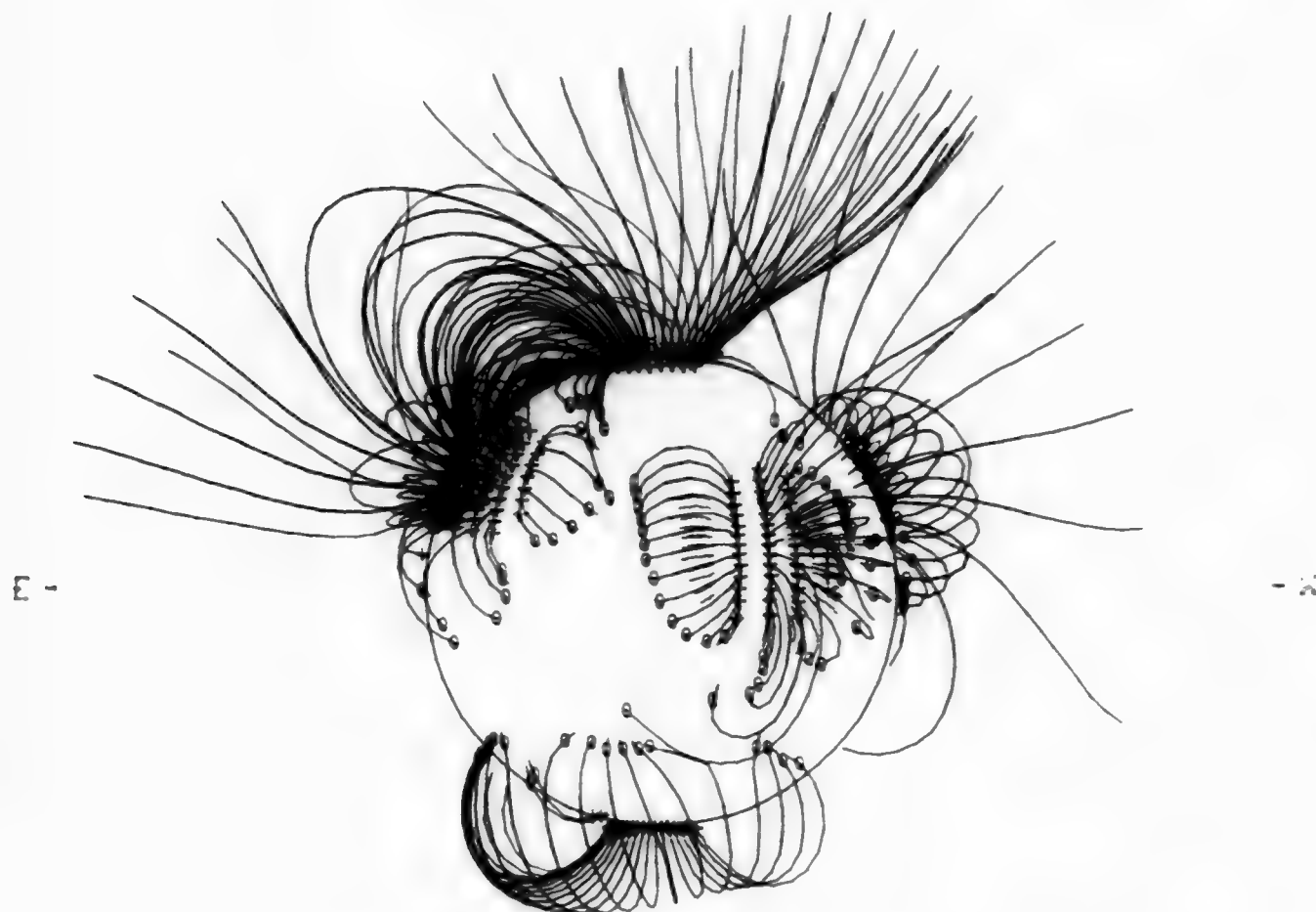


QUALITY FAIR
 PILES AVERAGED
 DATA AVERAGE 1513.00

5

R.T. 1513 1513.151
 18.6 1513.151

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1513.00

1
5

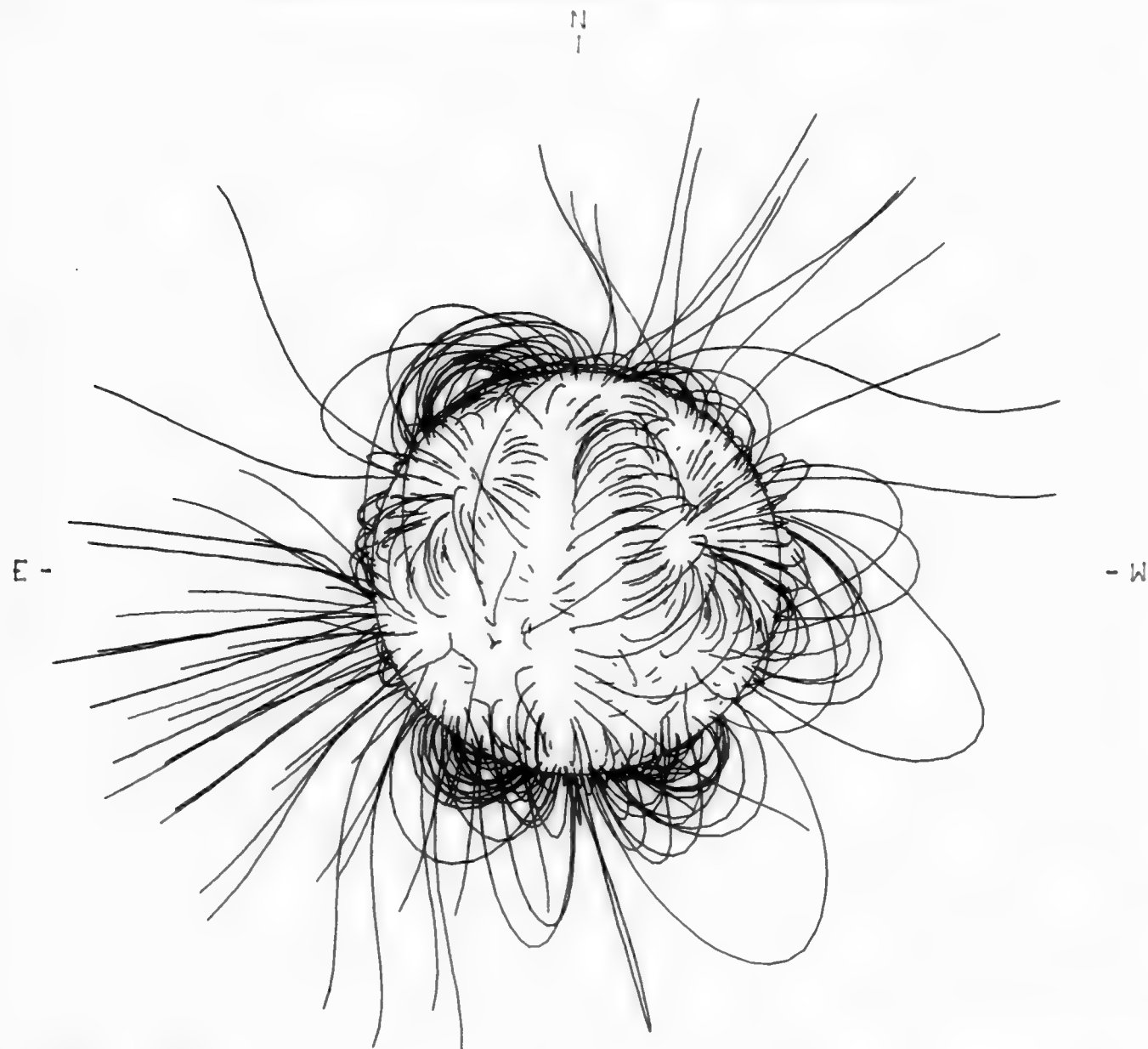
R.T. 1513

LONG. 1513

18.8

1513

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

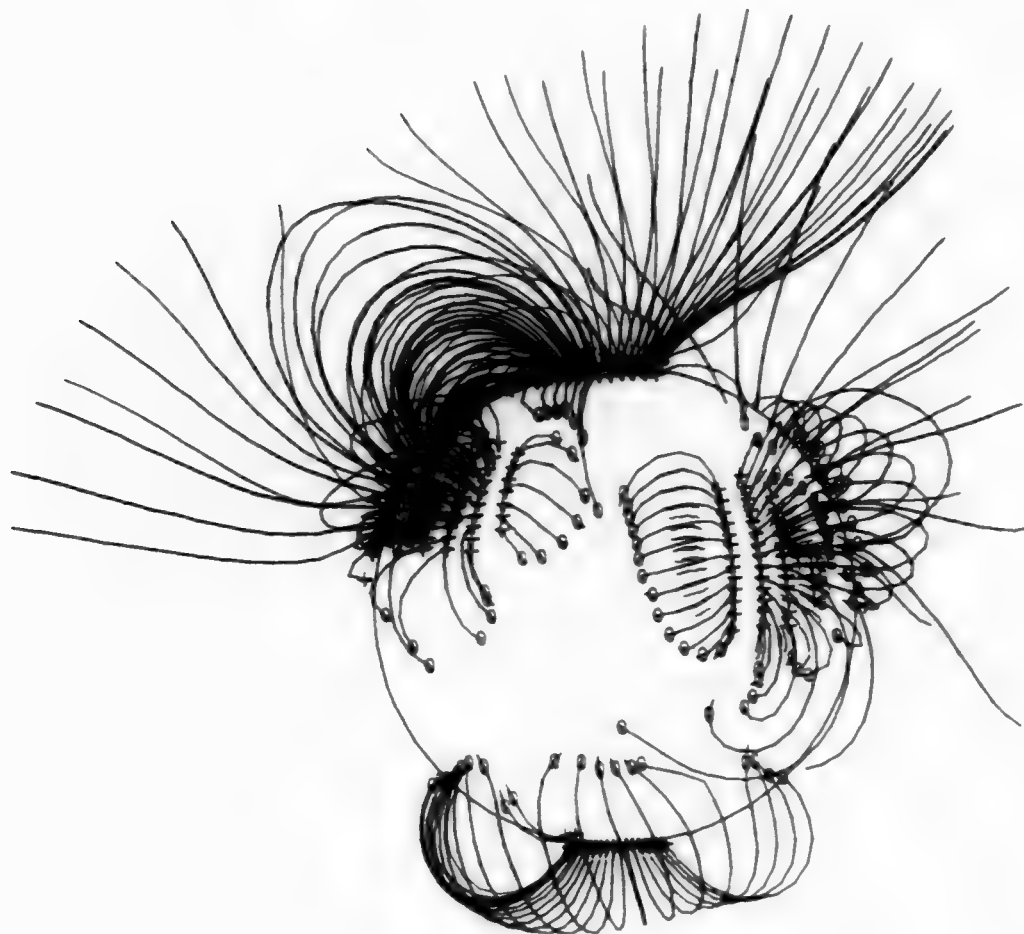
DATA WINDOW 1513.00

I
S

ROT. 1513 LONG. 220°

19.6 OCT 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



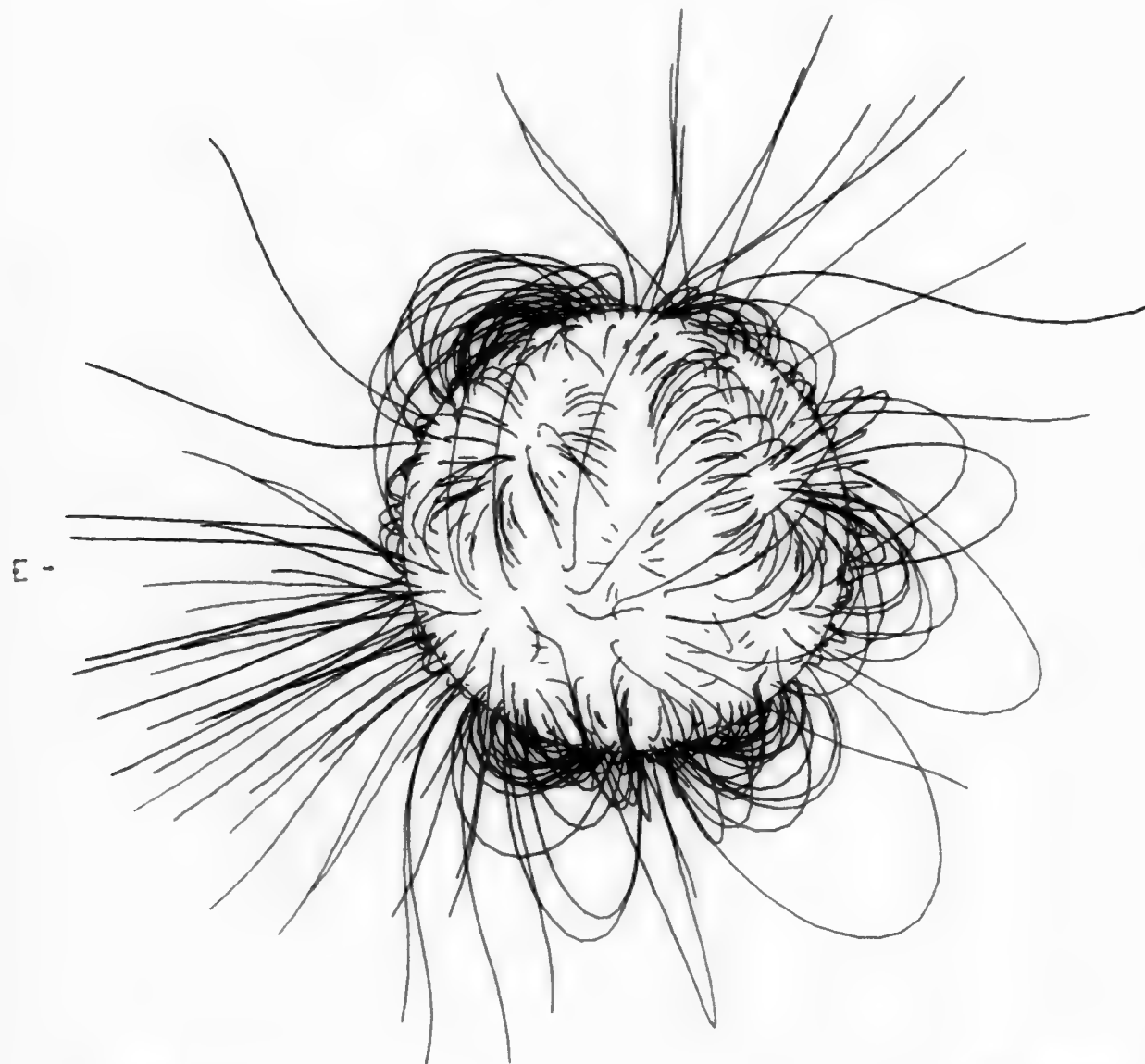
E -

- 2

QUALITY PAIR
FILES ALREADY
DATA WINDOW 1513.00

RET. 15.3 1000.11
1000.11 1000.11

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

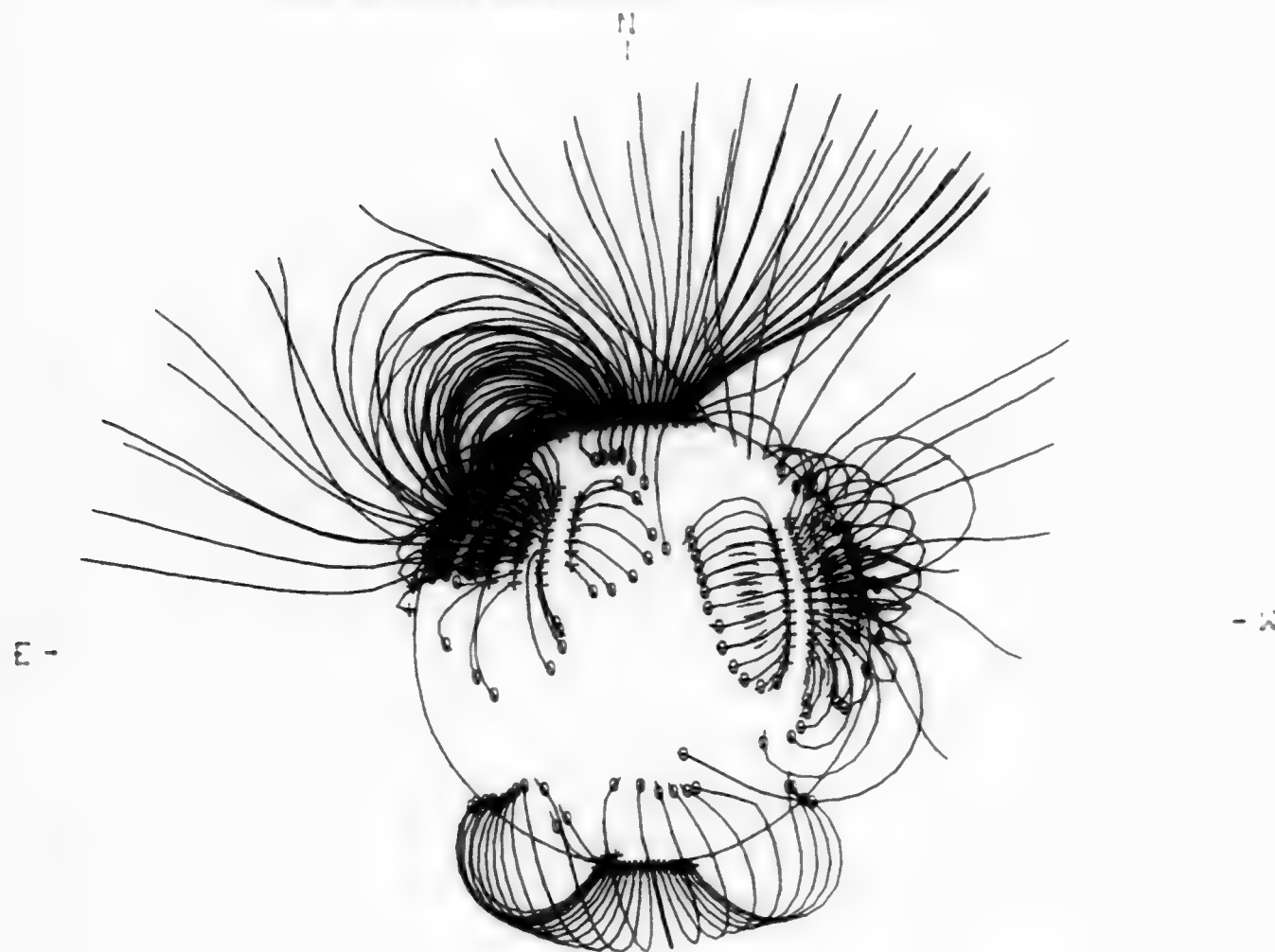


QUALITY FAIR
POLES AVERAGED
DATA WIND 1513.00

S

REL. 1513 1513.00
10.3 1513.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

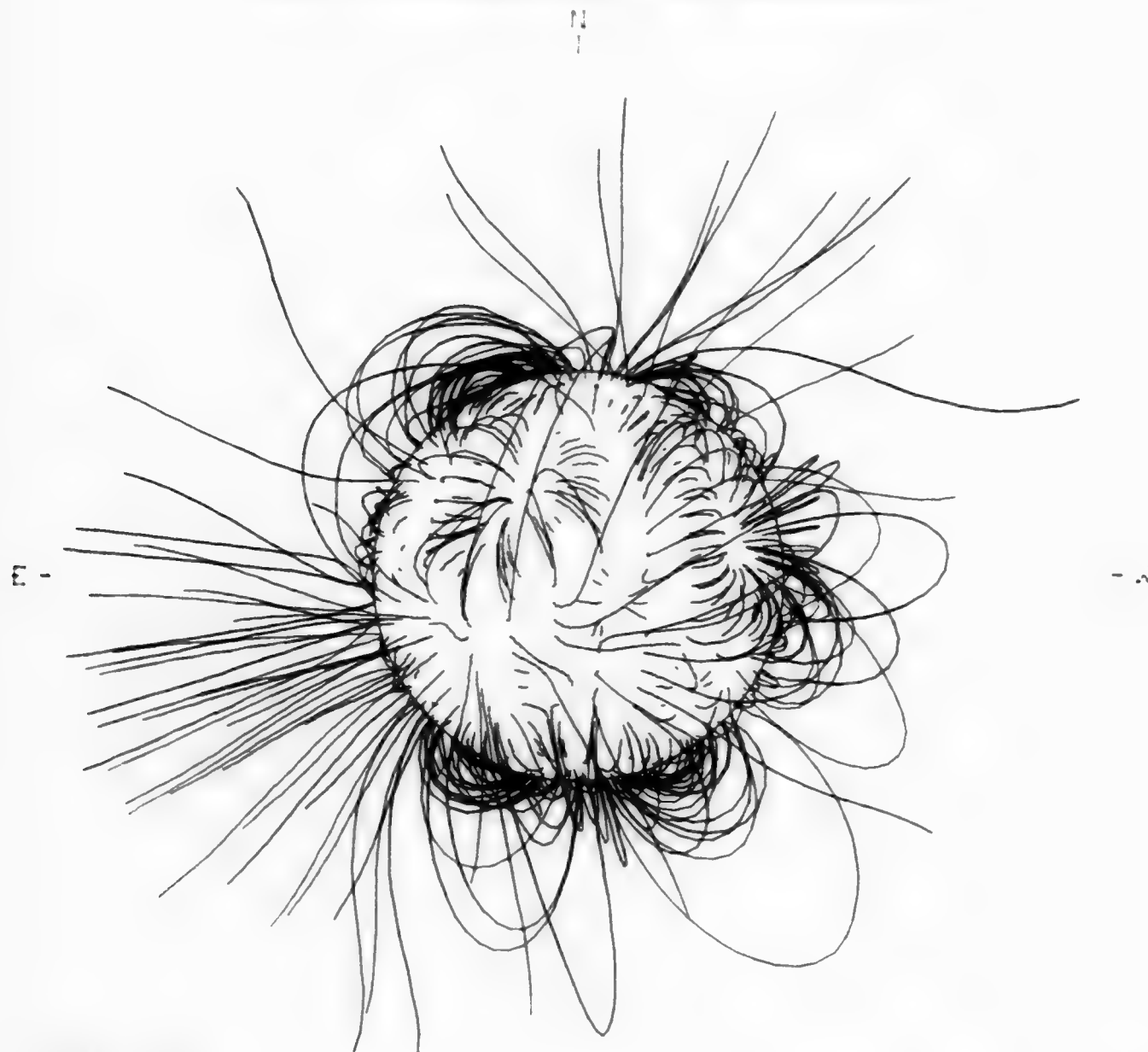
POLES AVERAGED

DATA WINDOW 1513.00

1
S

R.T. 1513 2003.000
20.3 17 1999

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

PILES AVERAGE

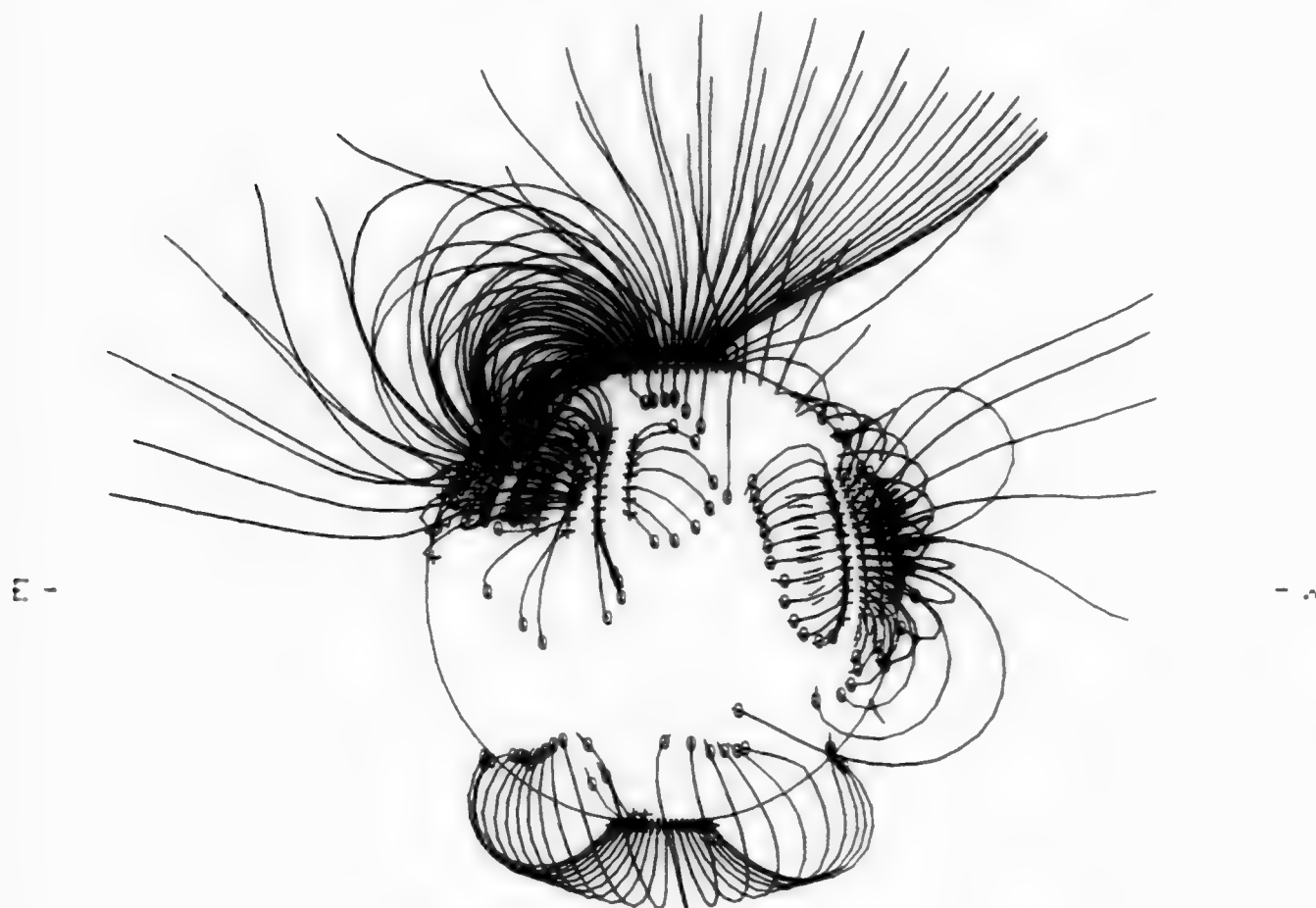
DATA WIDE IN 1913.00

S

ROT. 15'S LONG. 111°

111° 11' 10"

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

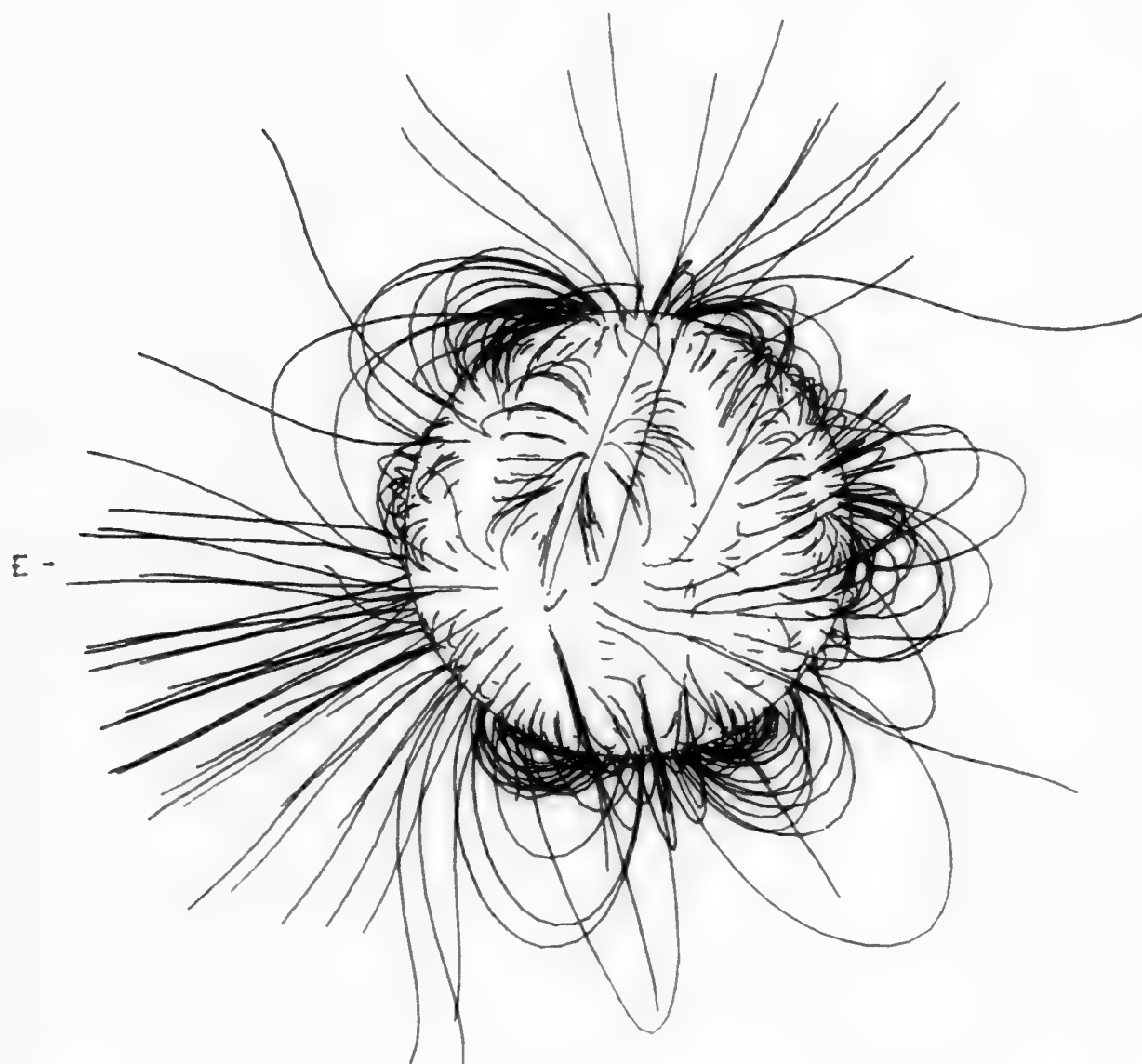
DATA WINDOW 1513.00

S

REL. 1513 1513.000

21.1 107 1995

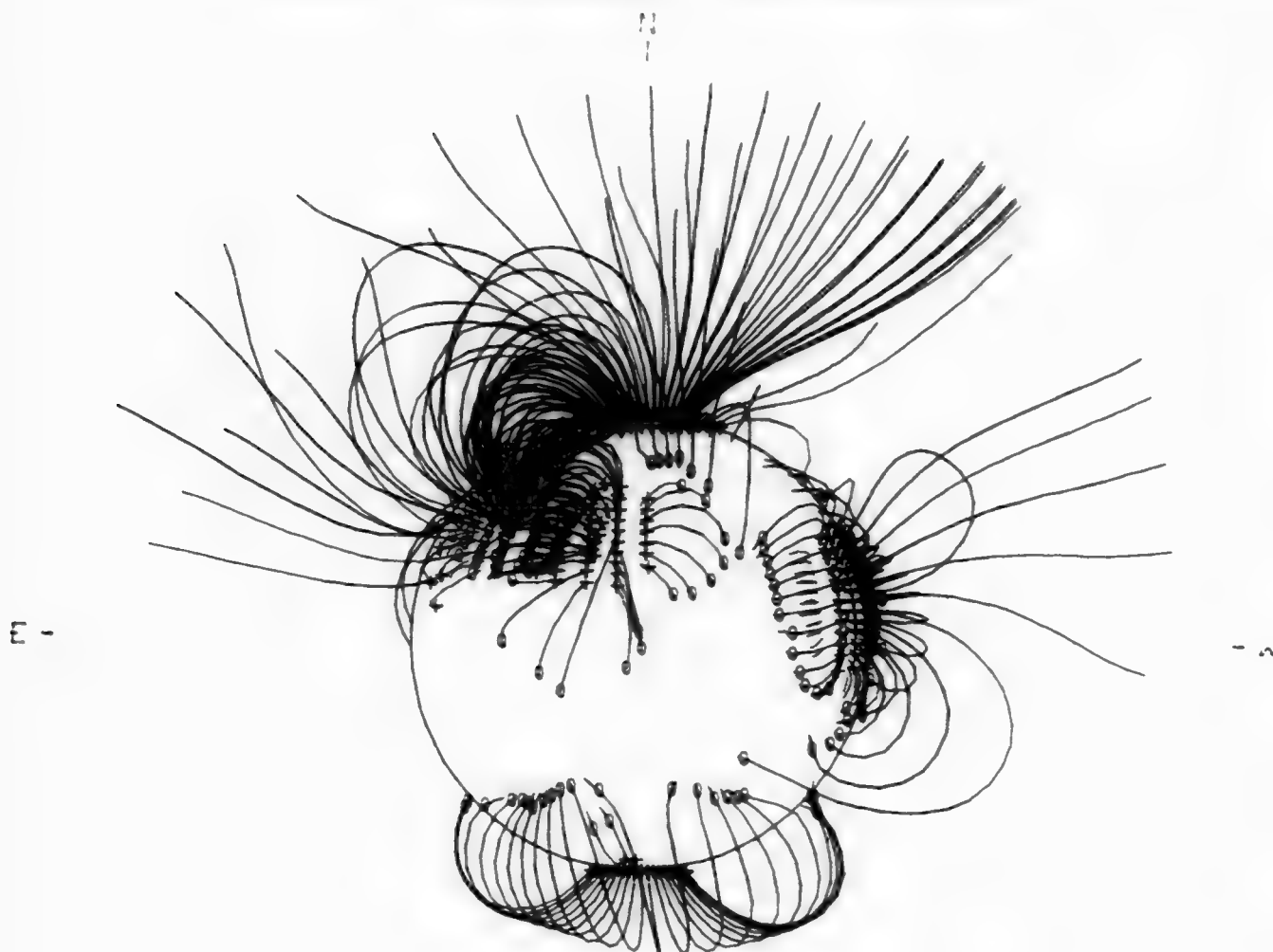
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1513.00

RLT. 15.3 100.140°
21.3 10.140°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGE

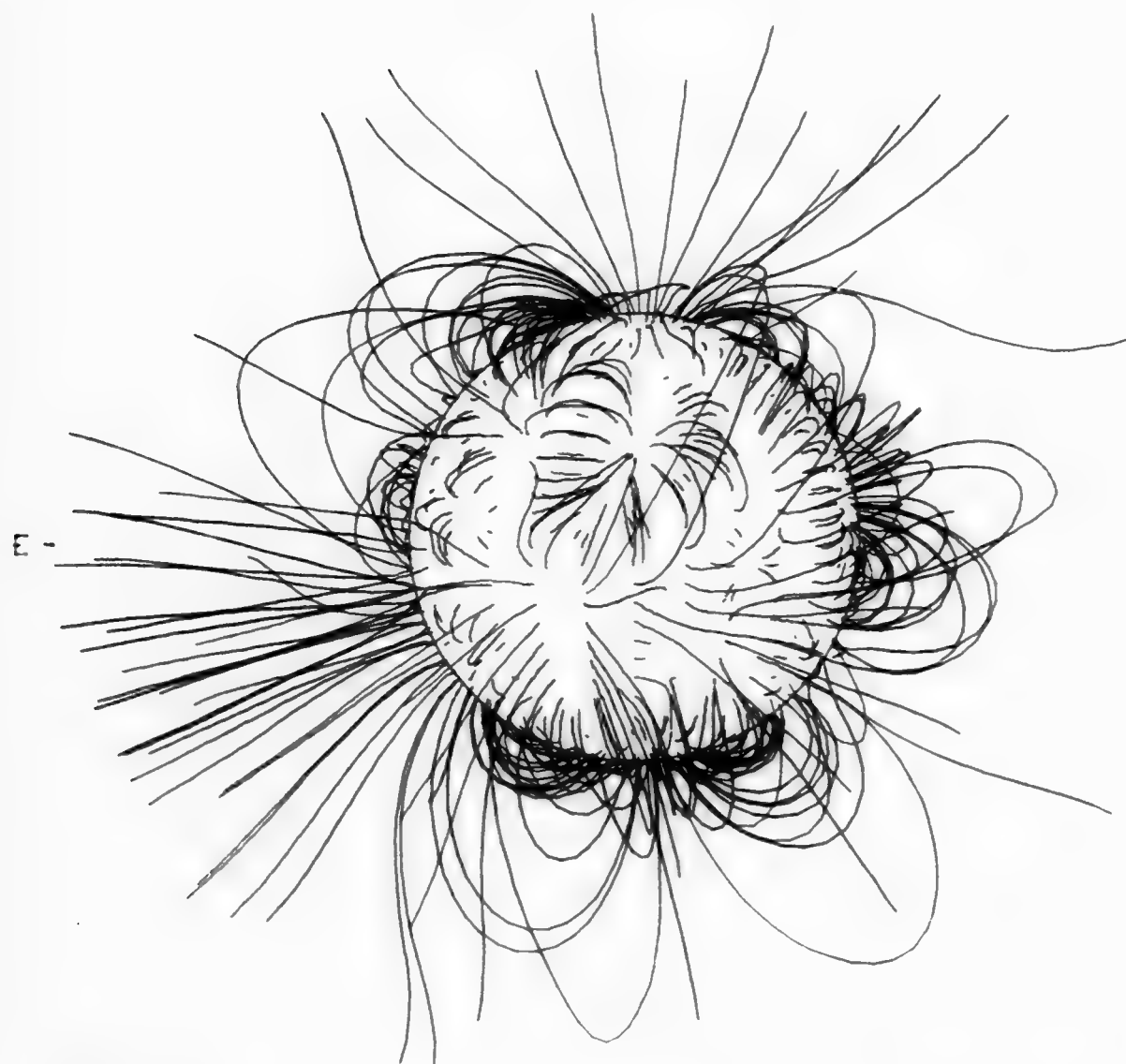
DATA WINDOW 1513.00

S

RCT. 15'5" 1113.12°

21.12 1113.12°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

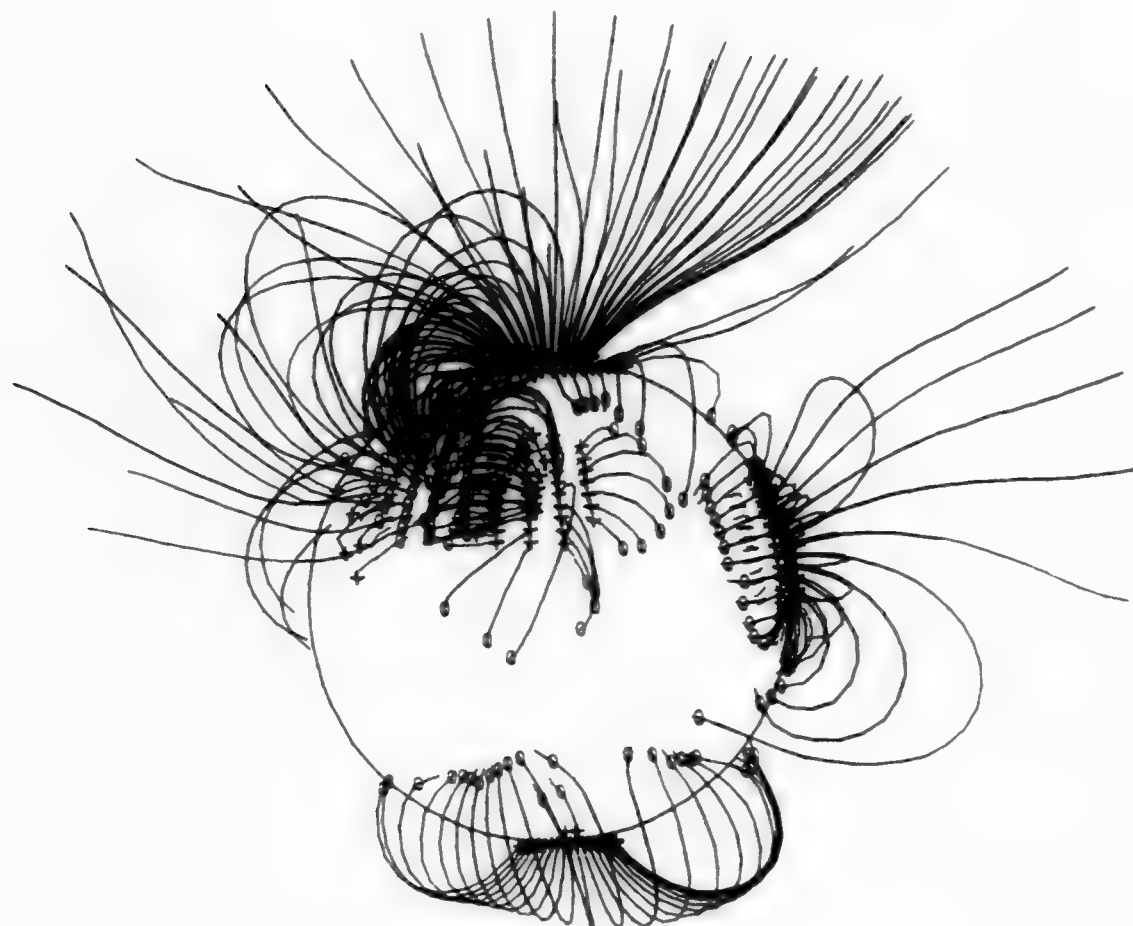
DATA WIND IN 1513.00

S

21.7 15.3 1.11.181

22.6 007 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



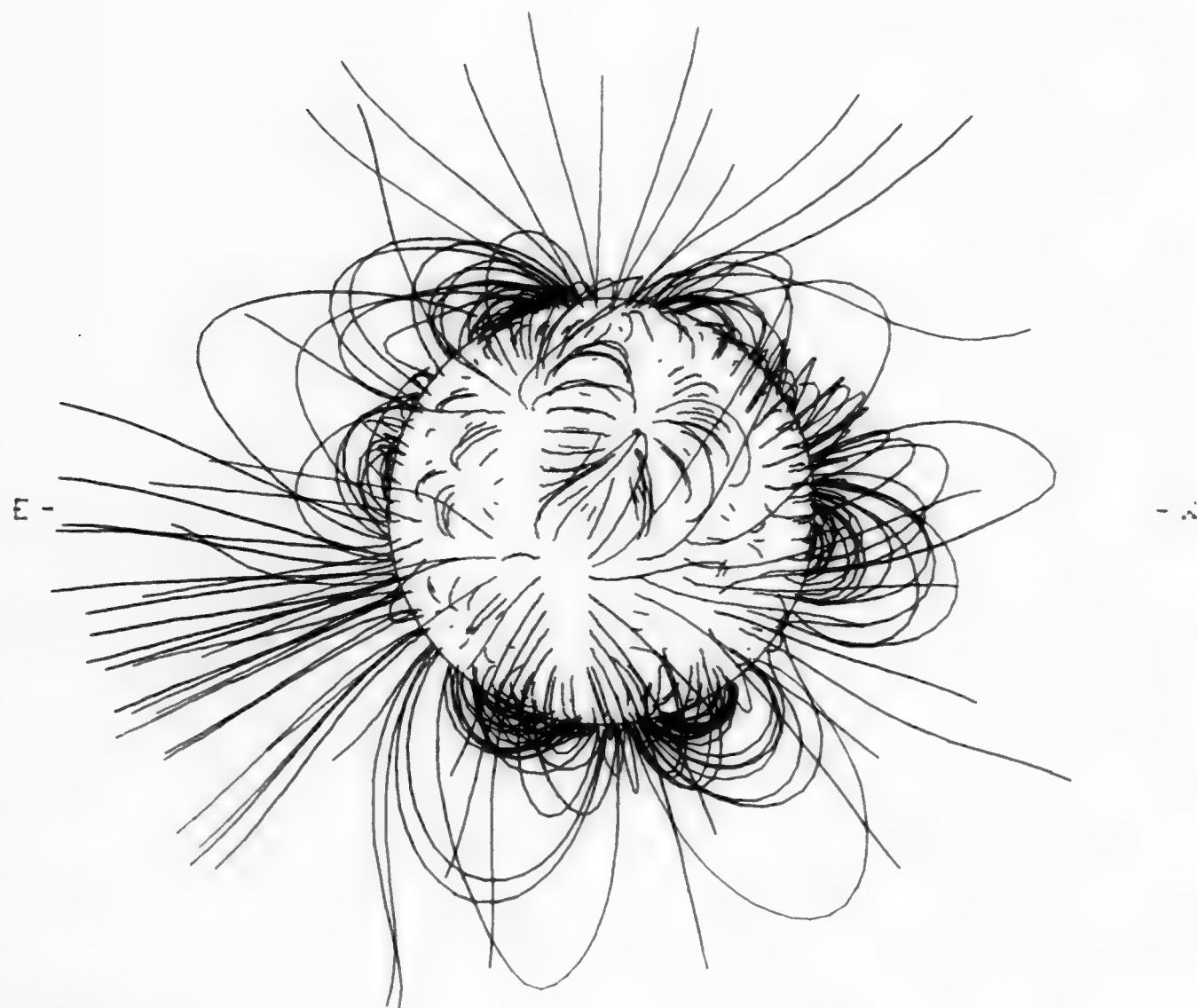
E -

QUALITY FAIR
 PILES AVERAGED
 DATA WINDOW 1513.00

S

207.1513 200.1513
 200.1513 200.1513

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

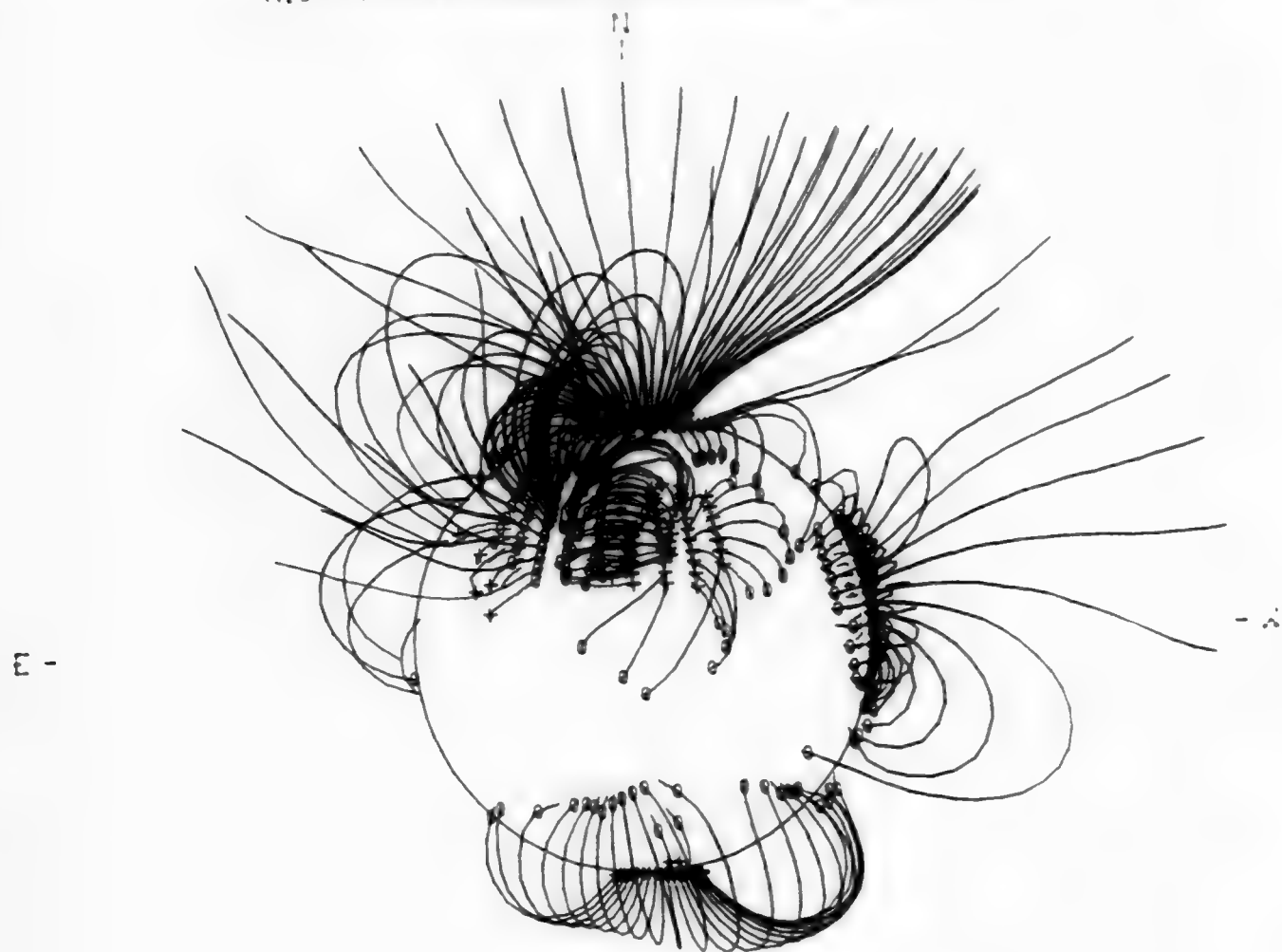
POLES AVERAGED

DATA WINDOW 1513.00

REL. 1513 100.00%

23.4 107 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

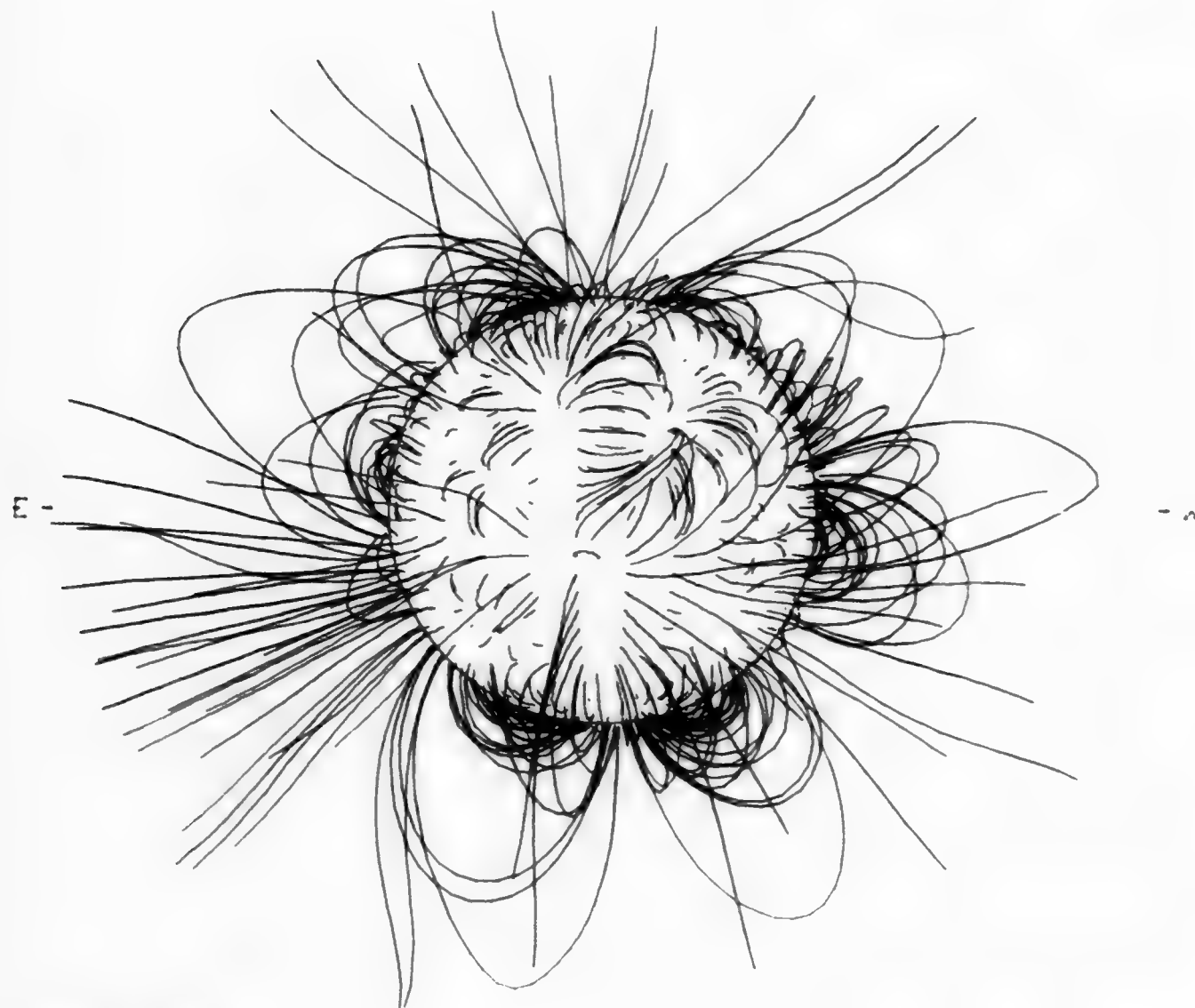
POLES AVERAGED

DATA WINDOW 1513.00

S

RUT. 1513 1513.00
25.4 1513 1513.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

PULSES AVERAGED

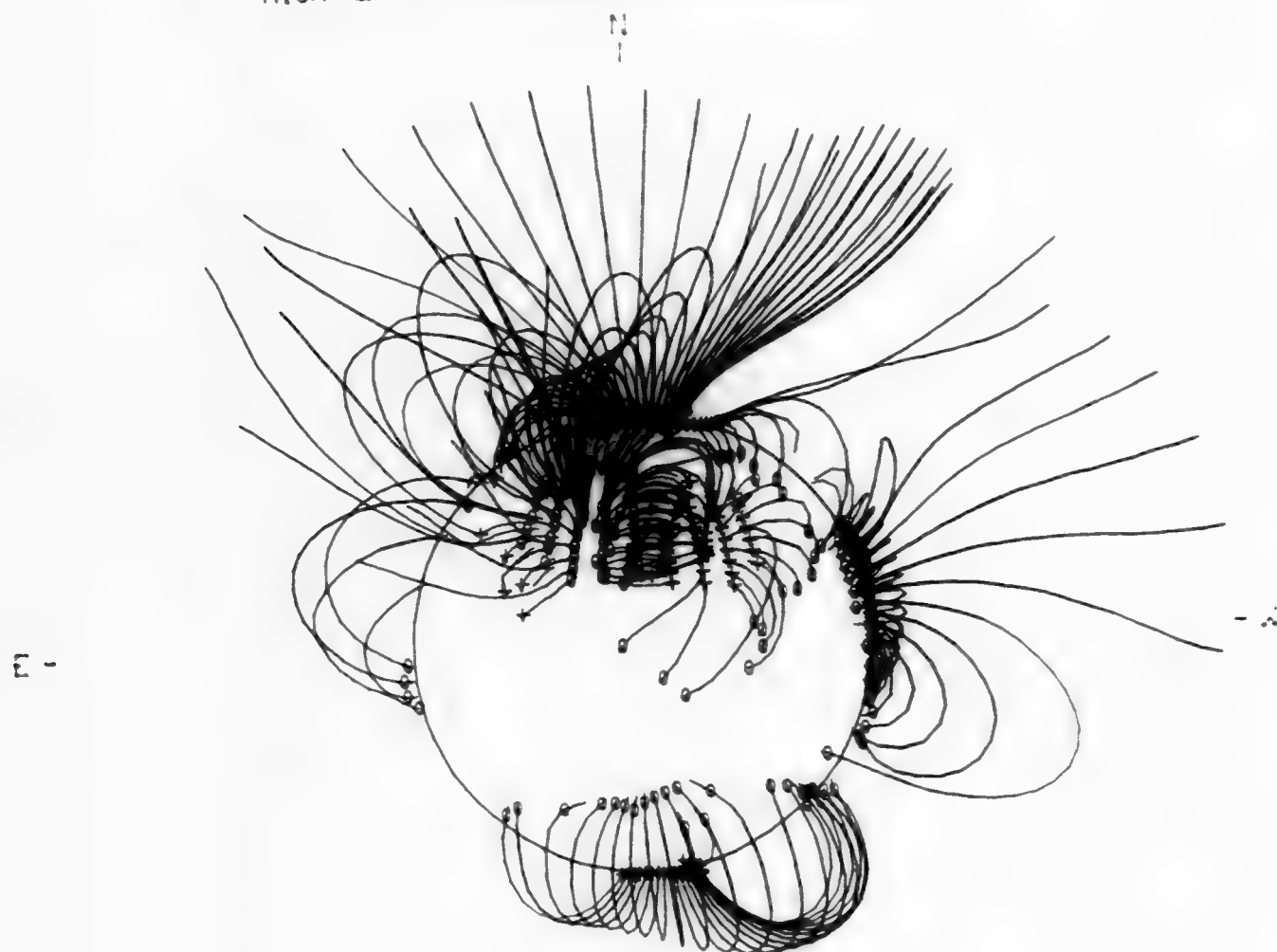
DATA ACQUIRED 1513.00

S

RET. 15.3 2010. 15.3

24.1 15.3 15.3

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

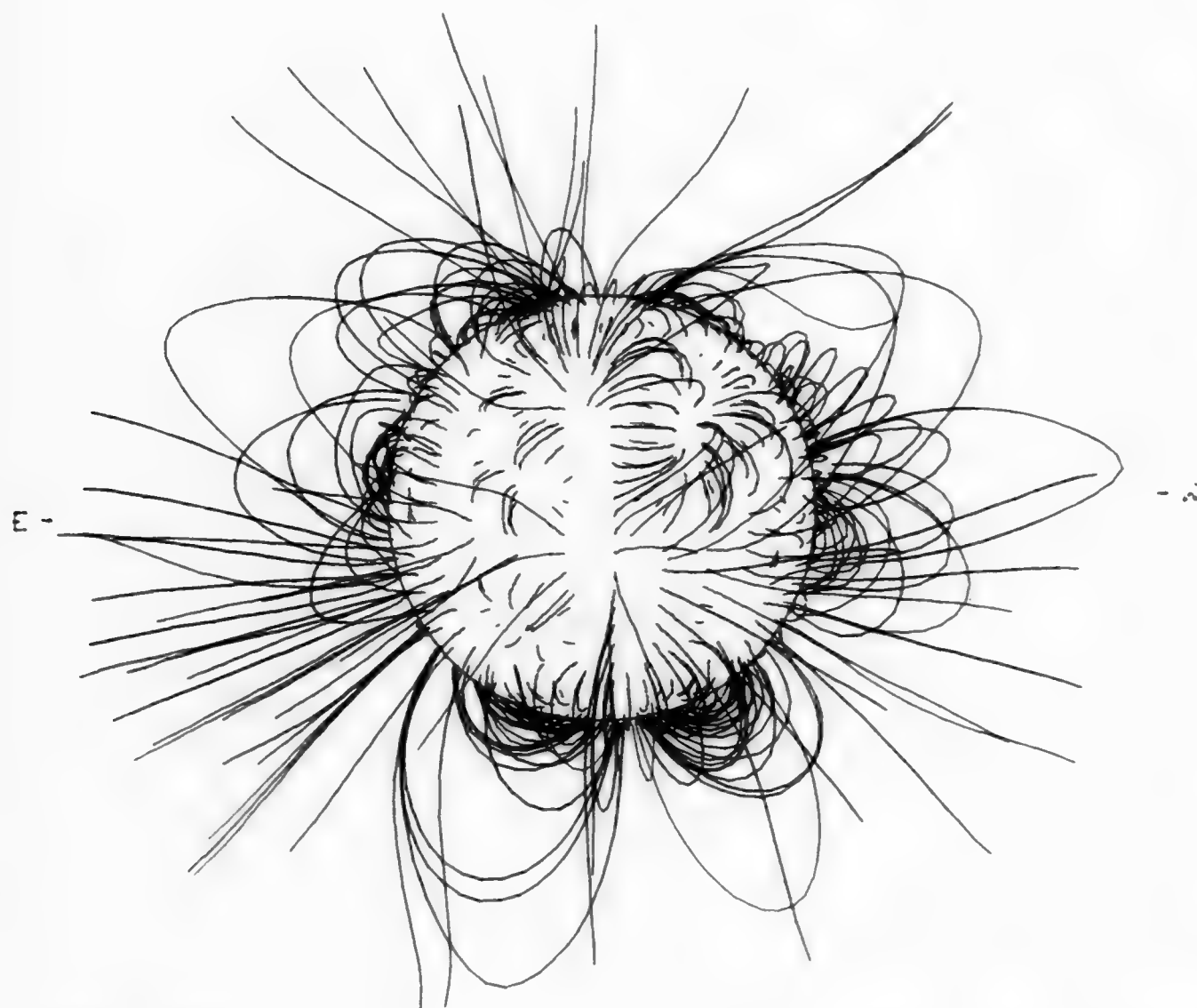
POLES AVERAGED

DATA WINDOW 1513.00

S

ROT. 15.3 LONG. 150°
24.1 OCT 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

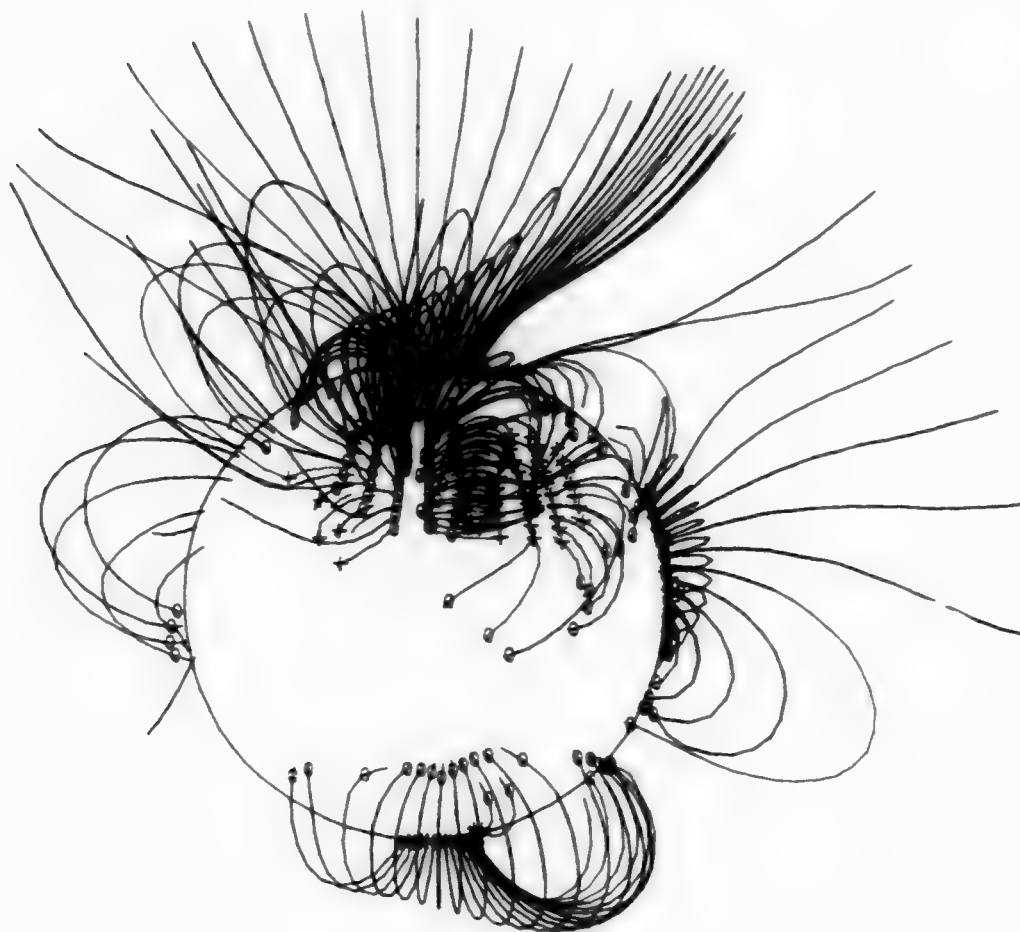
DATA WINDOW 1513.00

N
S

ROT. 1513 LONG. 151°
24.5 UT 1968

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



- S

QUALITY FAIR

POLES AVERAGED

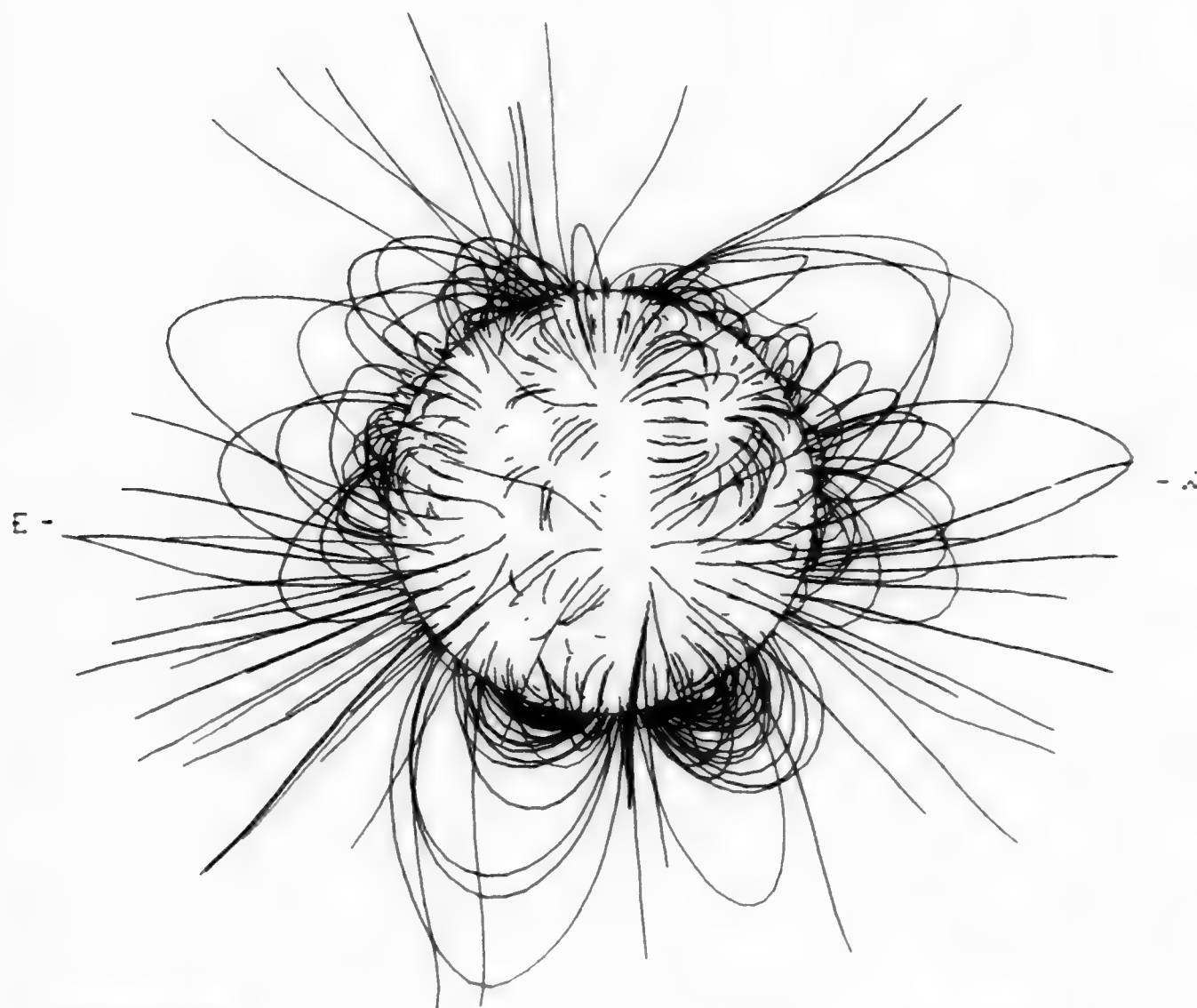
DATA WINDOW 1513.00

S

ROT. 1513 LONG. 151°

24.8 OCT 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

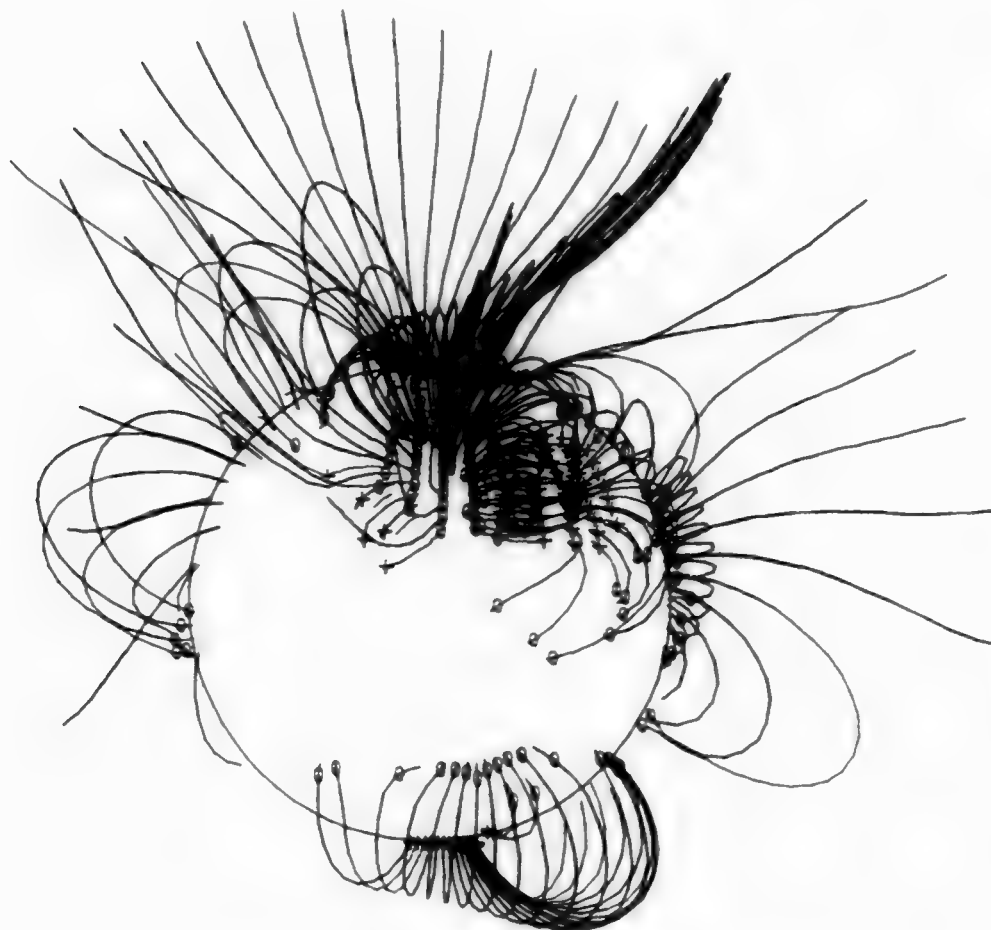
POLES AVERAGED

DATA WINDOW 1513.00

S

REL. 1513 1513.00
25.1 1513.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

QUALITY FAIR

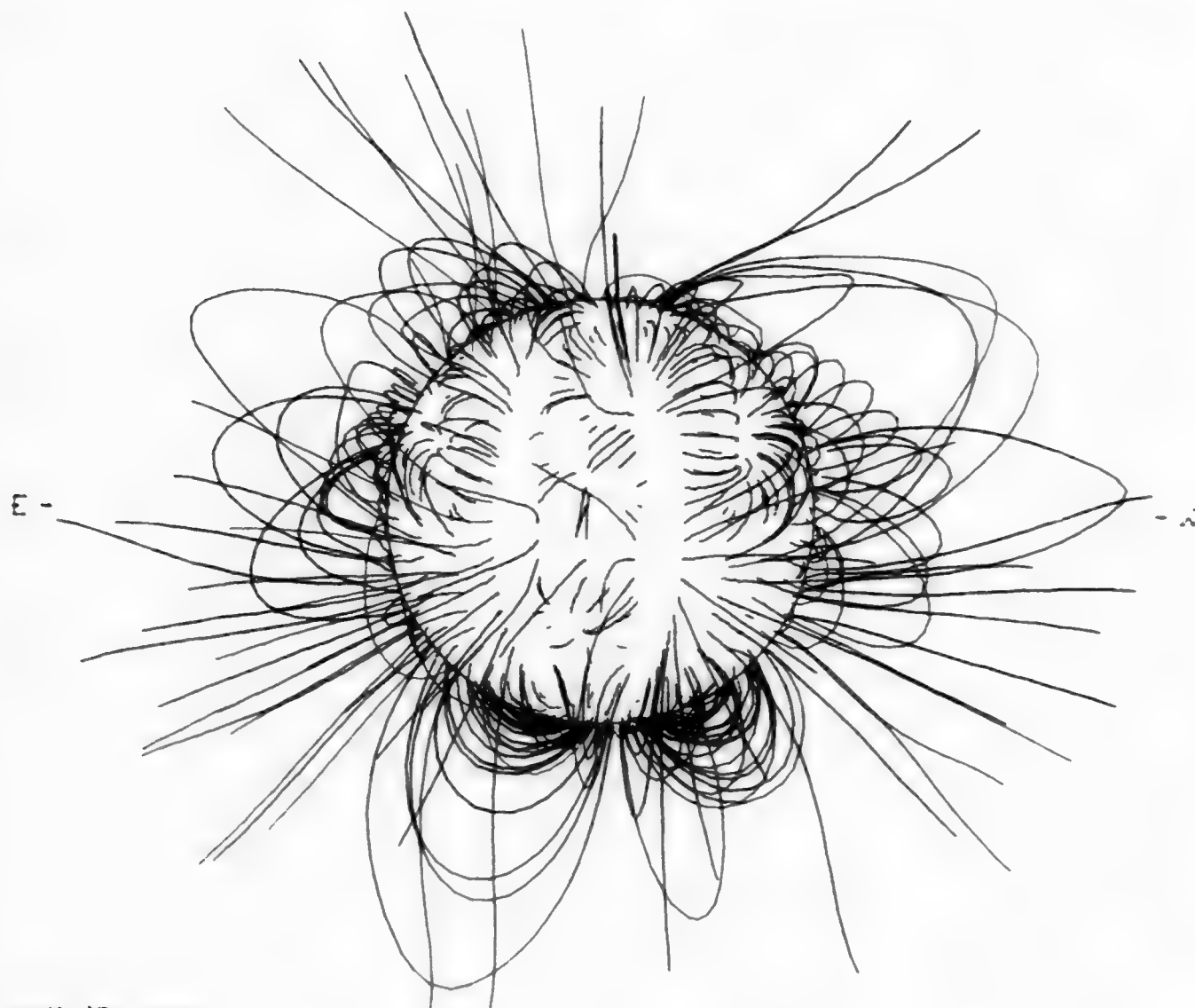
POLES AVERAGED

DATA WINDOW 1513.00

RUT. 1513 JUN. 141°
25.7 117 1455

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

11
1



QUALITY FAIR

FILES AVERAGE

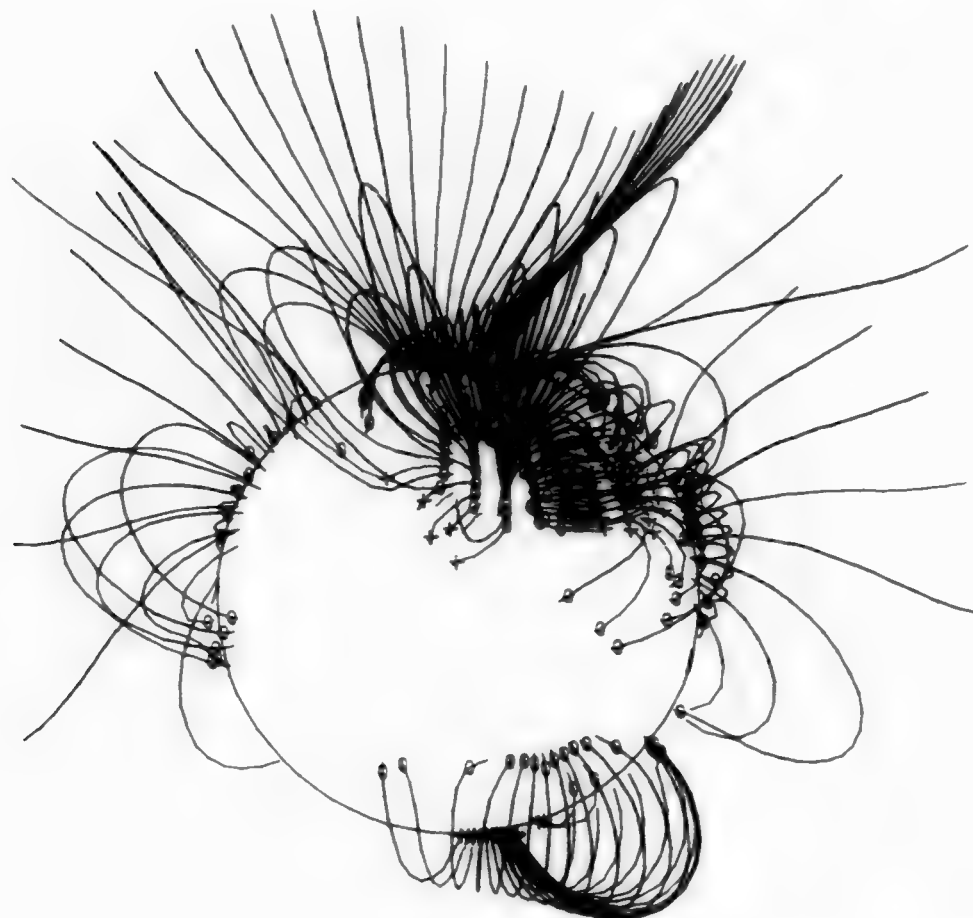
DATA WINDOW 1513.00

S

ROT. 1515 LONG. 1515

25.4 17 1996

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

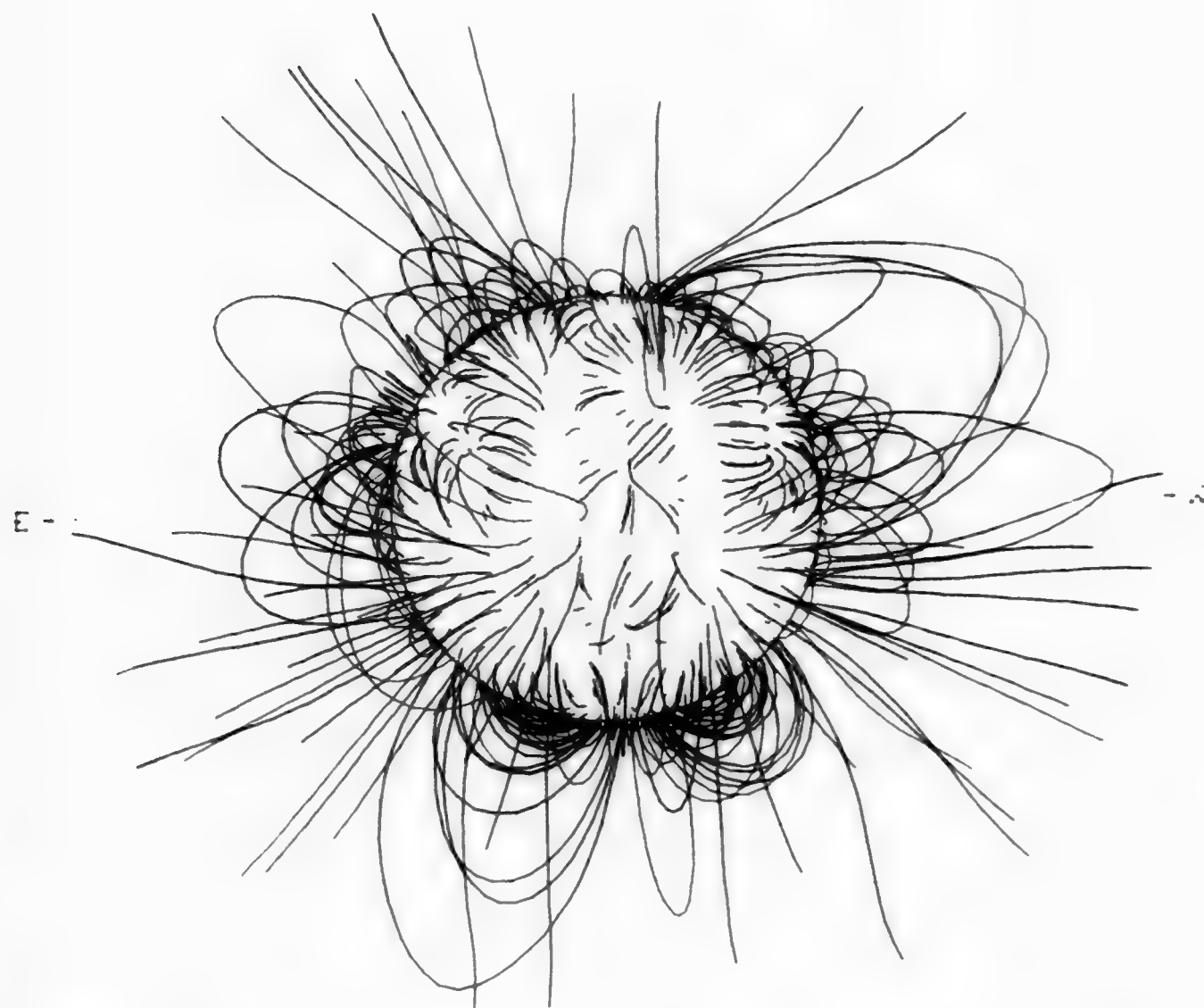
POLES AVERAGED

DATA AVERAGE 1513.00

1
S

R.T. 1513 1513.151
25.4 1513.151

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

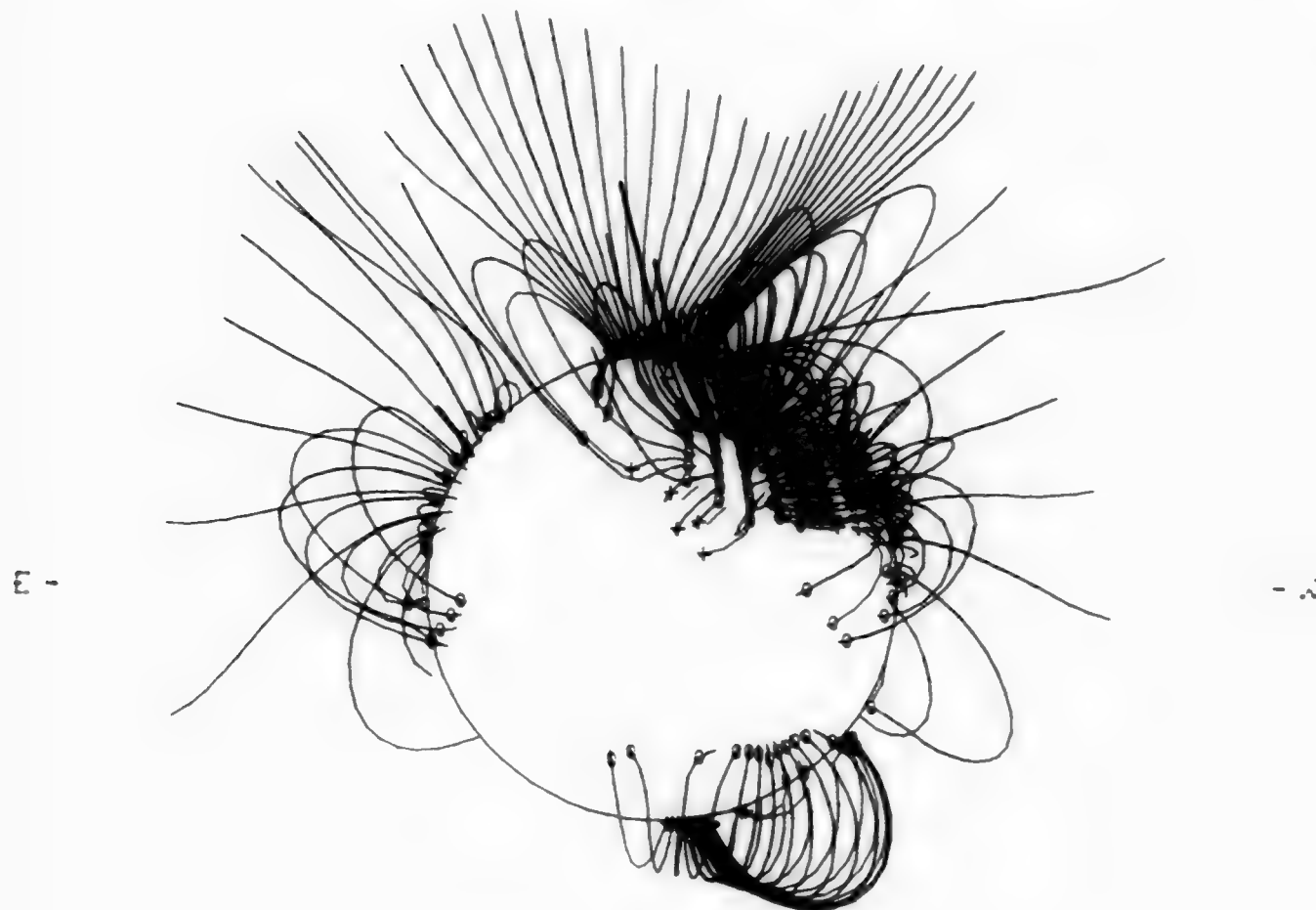
DATA WINDOW 1513.00

S

ROT. 15°S LONG. 11°

27.11.1986

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES AVERAGED

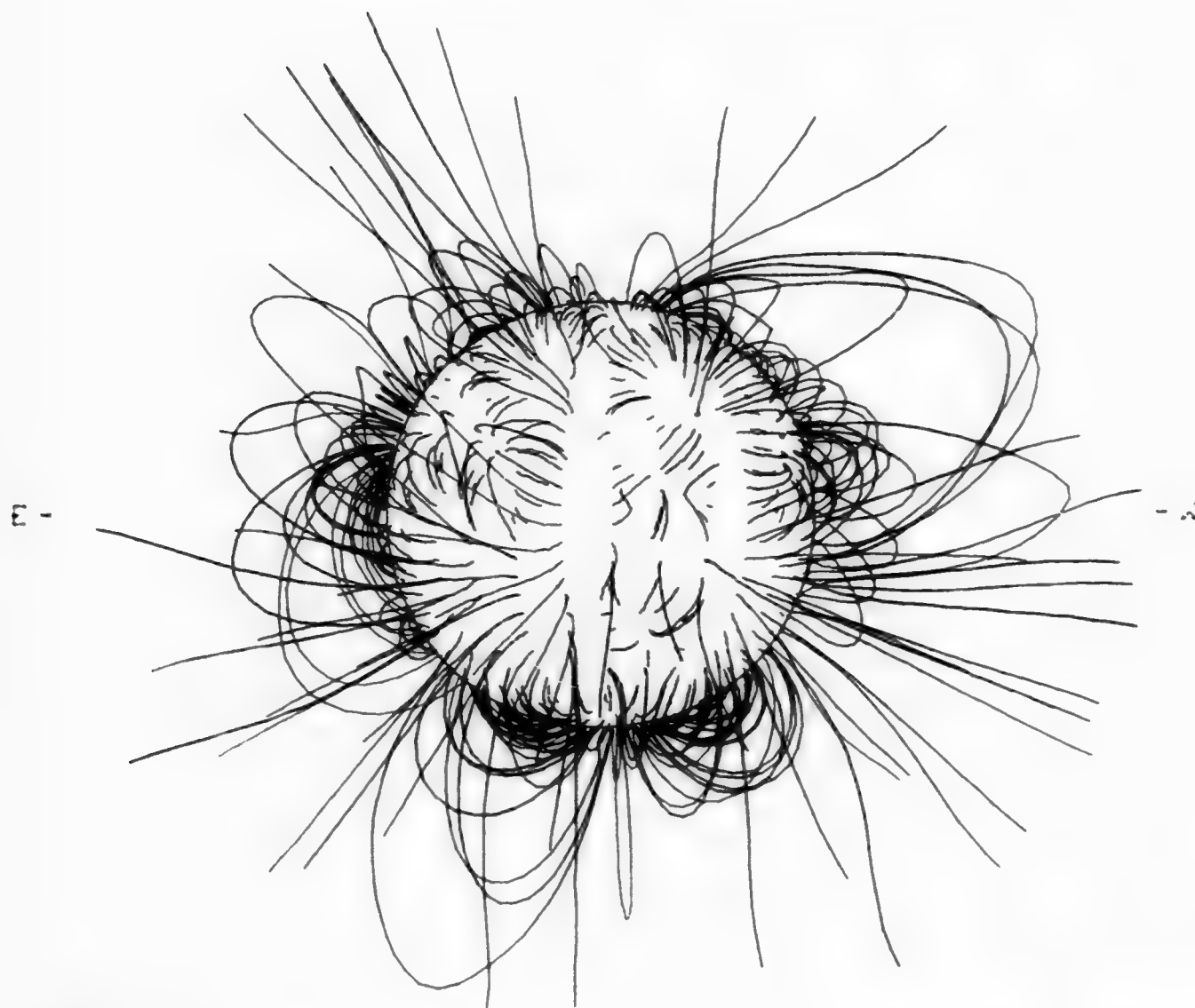
DATA WINDOW 1513.00

S

RLT. 1513 LONG. 101

27.1 11 1988

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

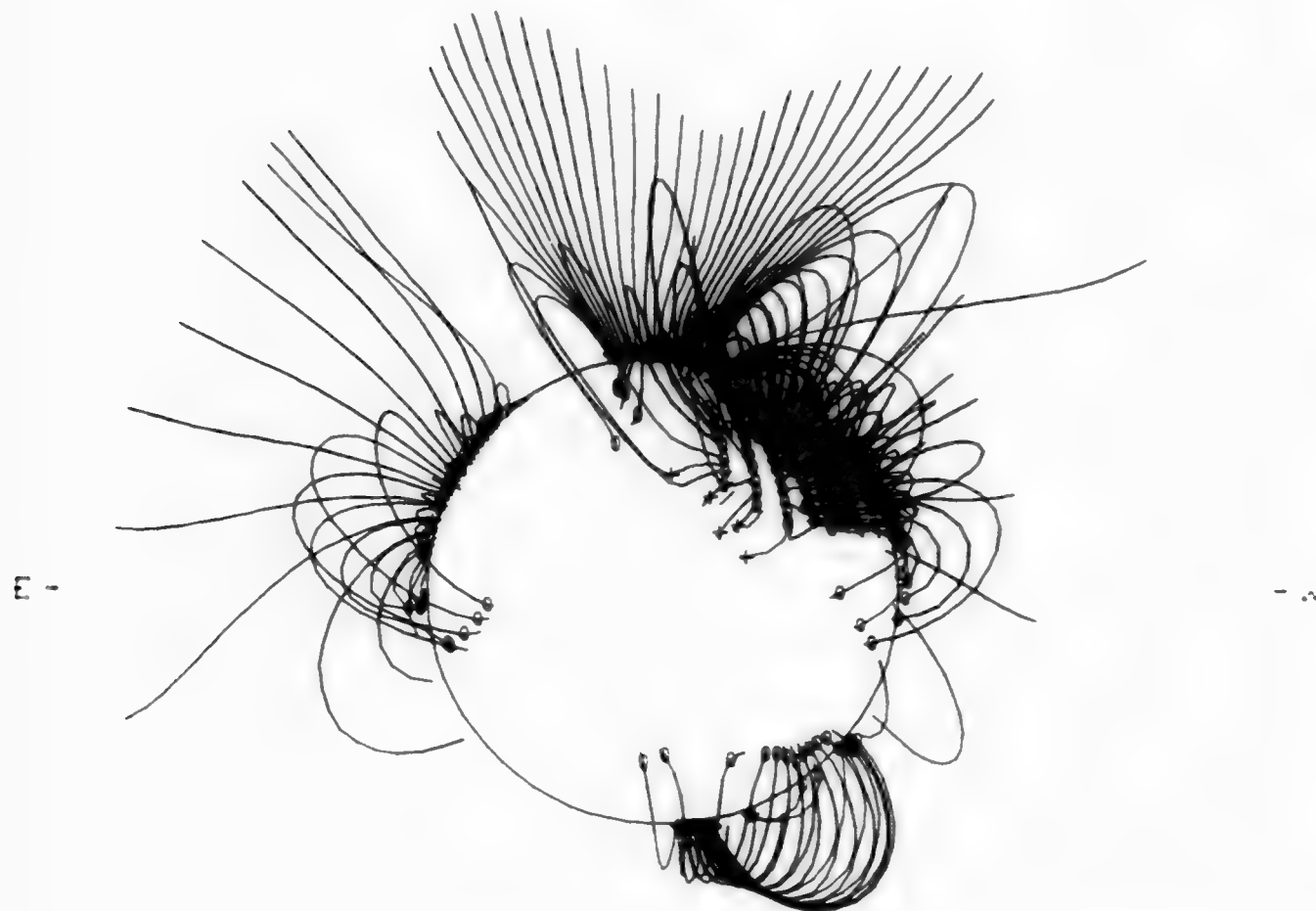
DATA WINDOW 1513.00

1
S

RJ. 1513 1013. 111°

27.9 117 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

DATA JANUARY 1913.00

S

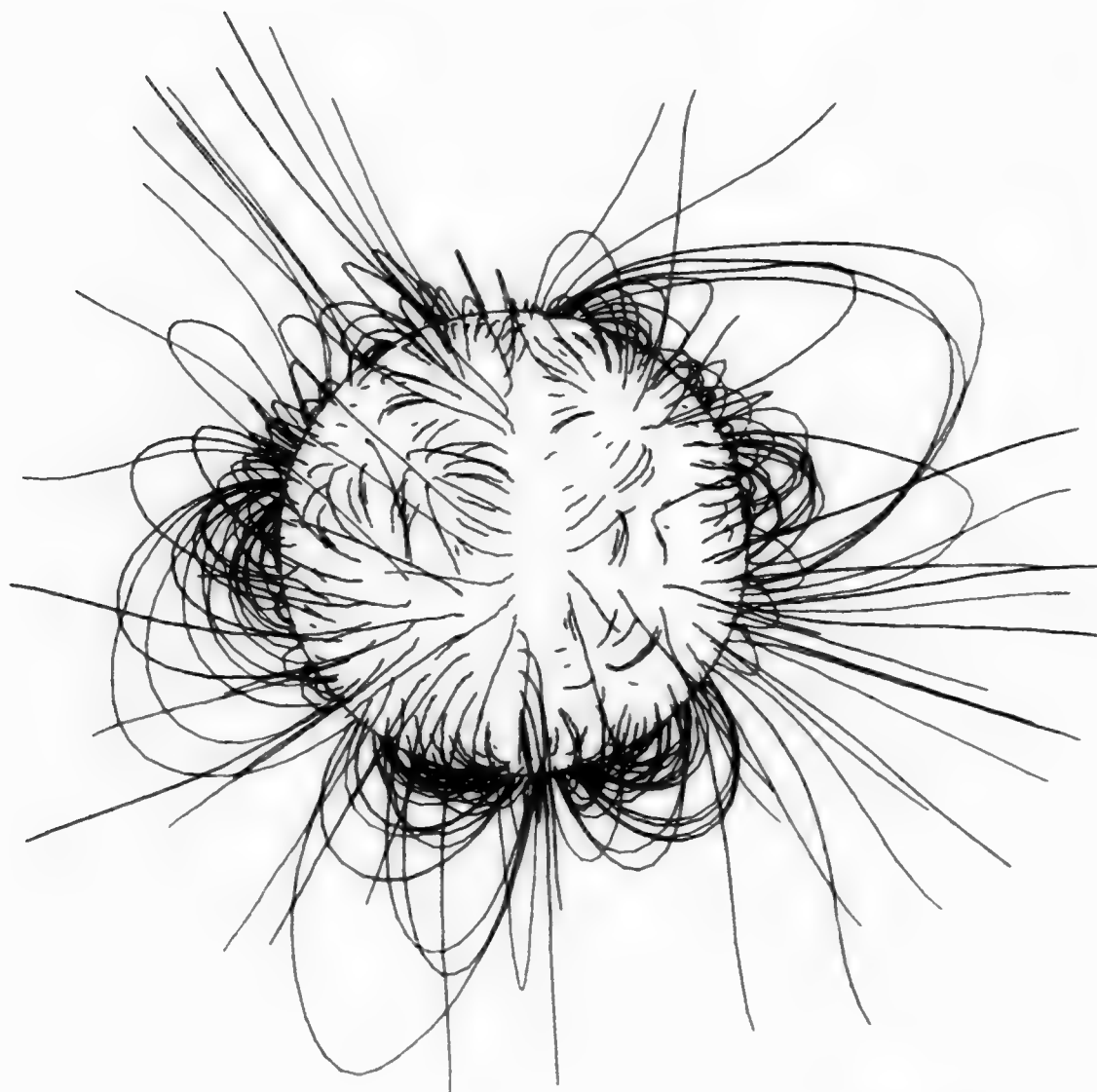
RCT. 15°3' 11.0" 11.0"

27.4 11.0 11.0

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
|

E -

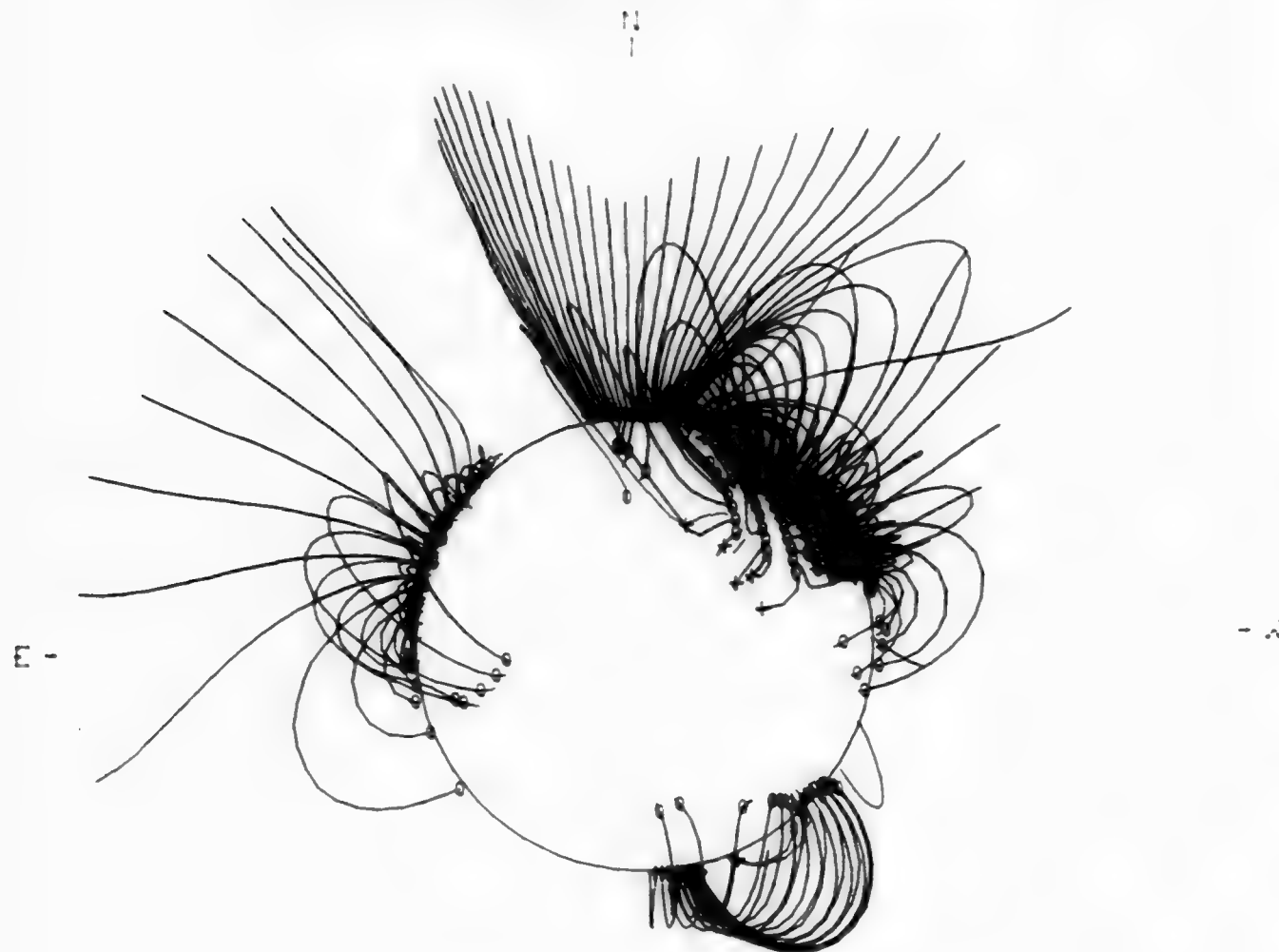


QUALITY FAIR
PULSES AVERAGE
DATA AROUND 1513.00

S

2.7. 1513 100. 100
2.7. 1513 100. 100

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



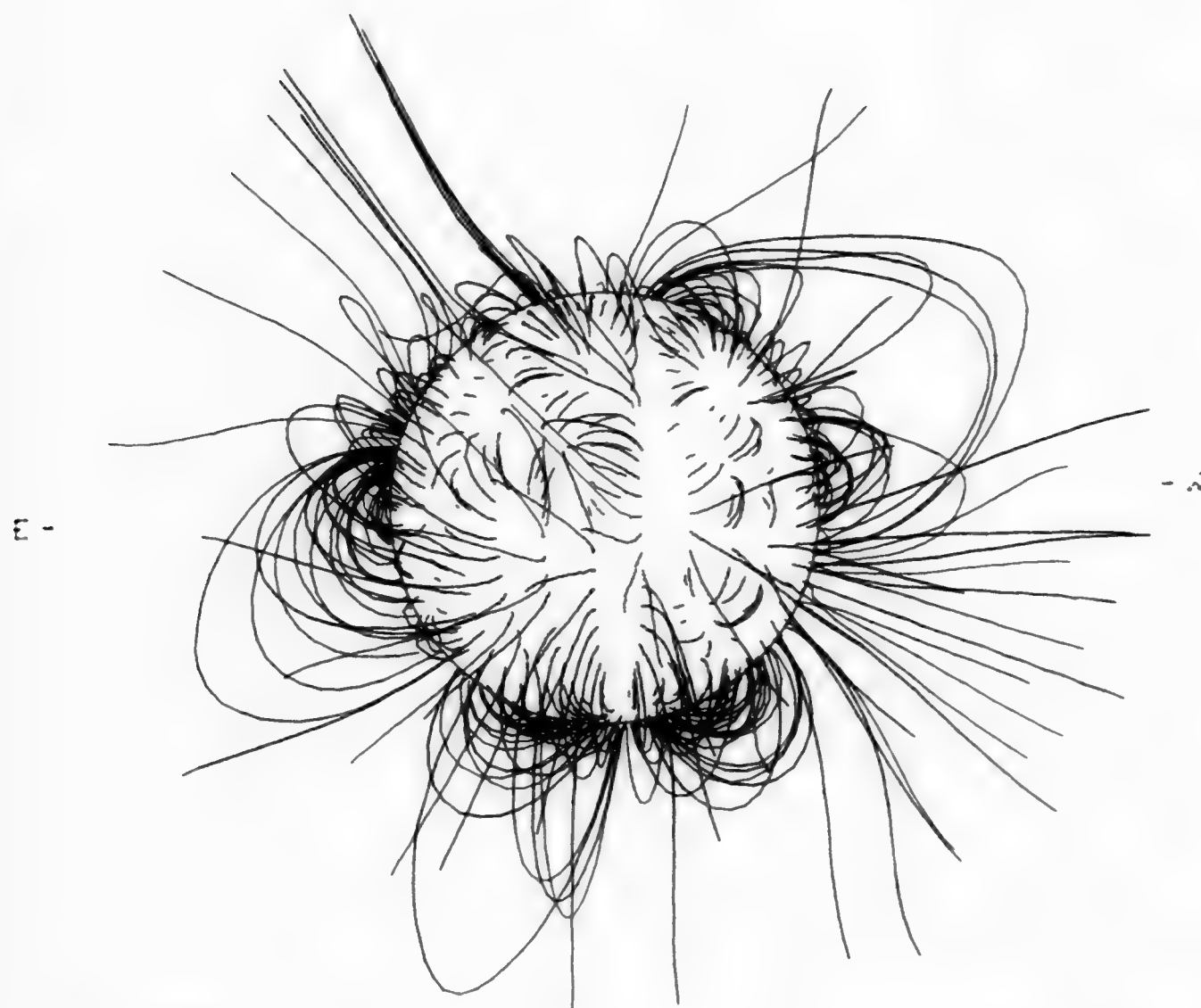
QUALITY FAIR

PIXES AVERAGED

DATA NUMBER 1513.00

8.7.1513 10.13.100
28.17 11 1990

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

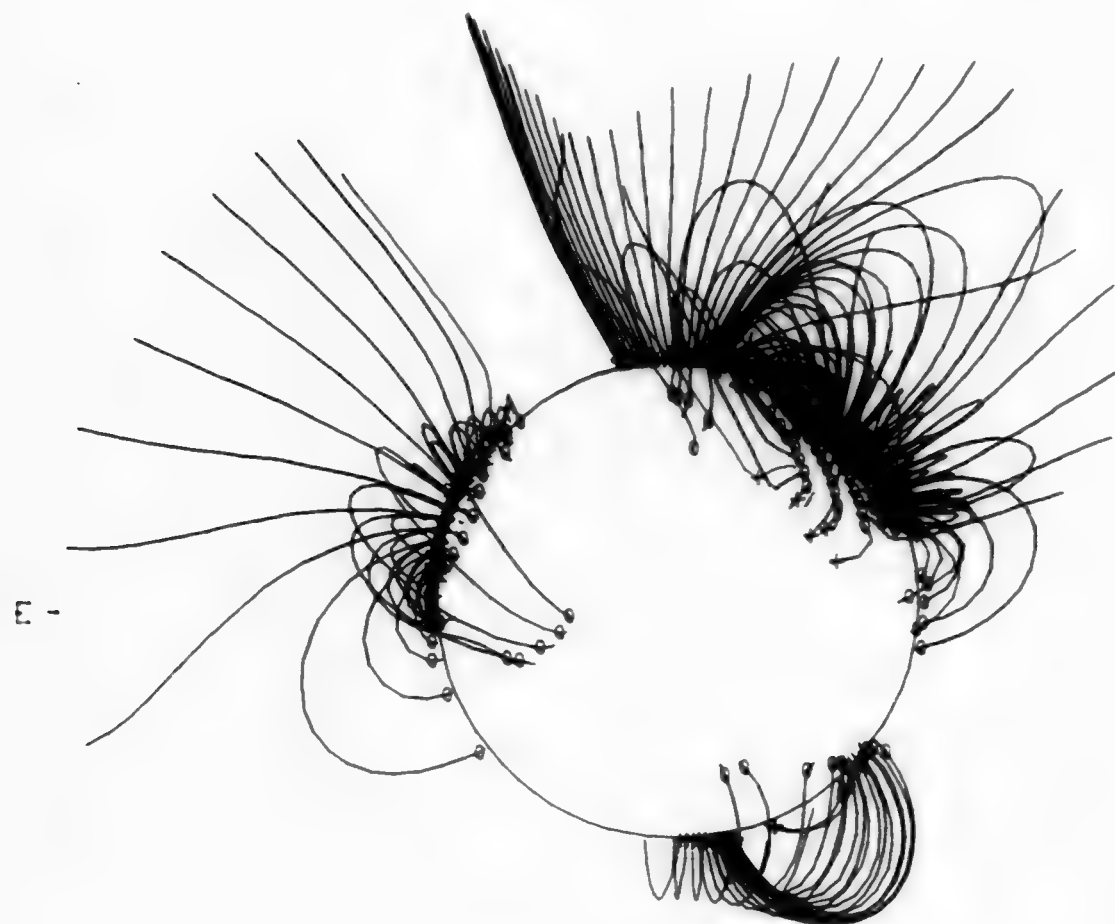


QUALITY FAIR
 PILES AVERAGE
 DATA ANDON 1513.00

S

ROT. 1513 LONG. 10°
 10.4 10.7 10.8

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

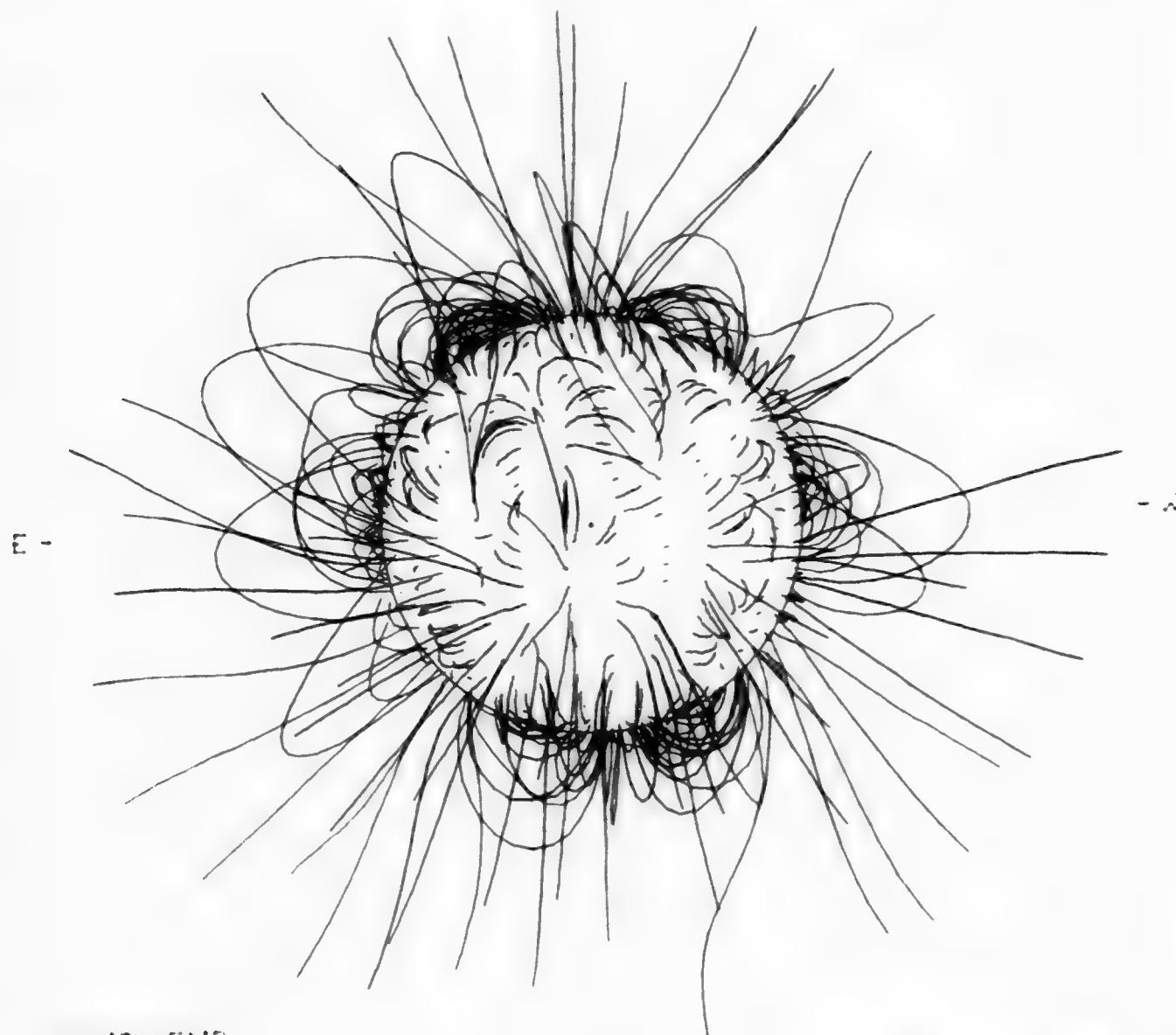
POLES AVERAGED

DATA WINDOW 1513.00

S

R.T. 1513 100. 40°
29.4 17 1995

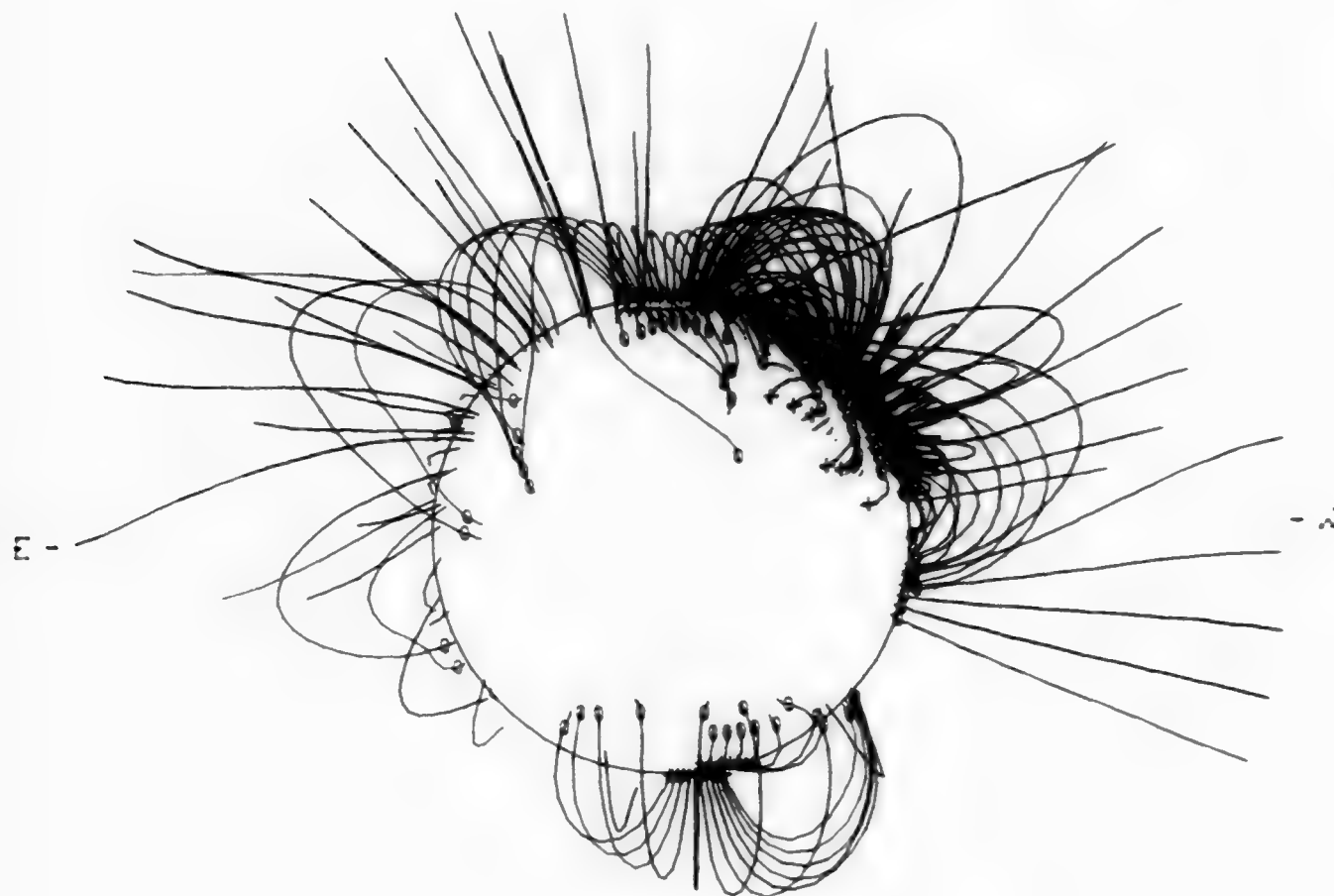
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1513.4"

807.1513 1113.41
 30.2 117 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

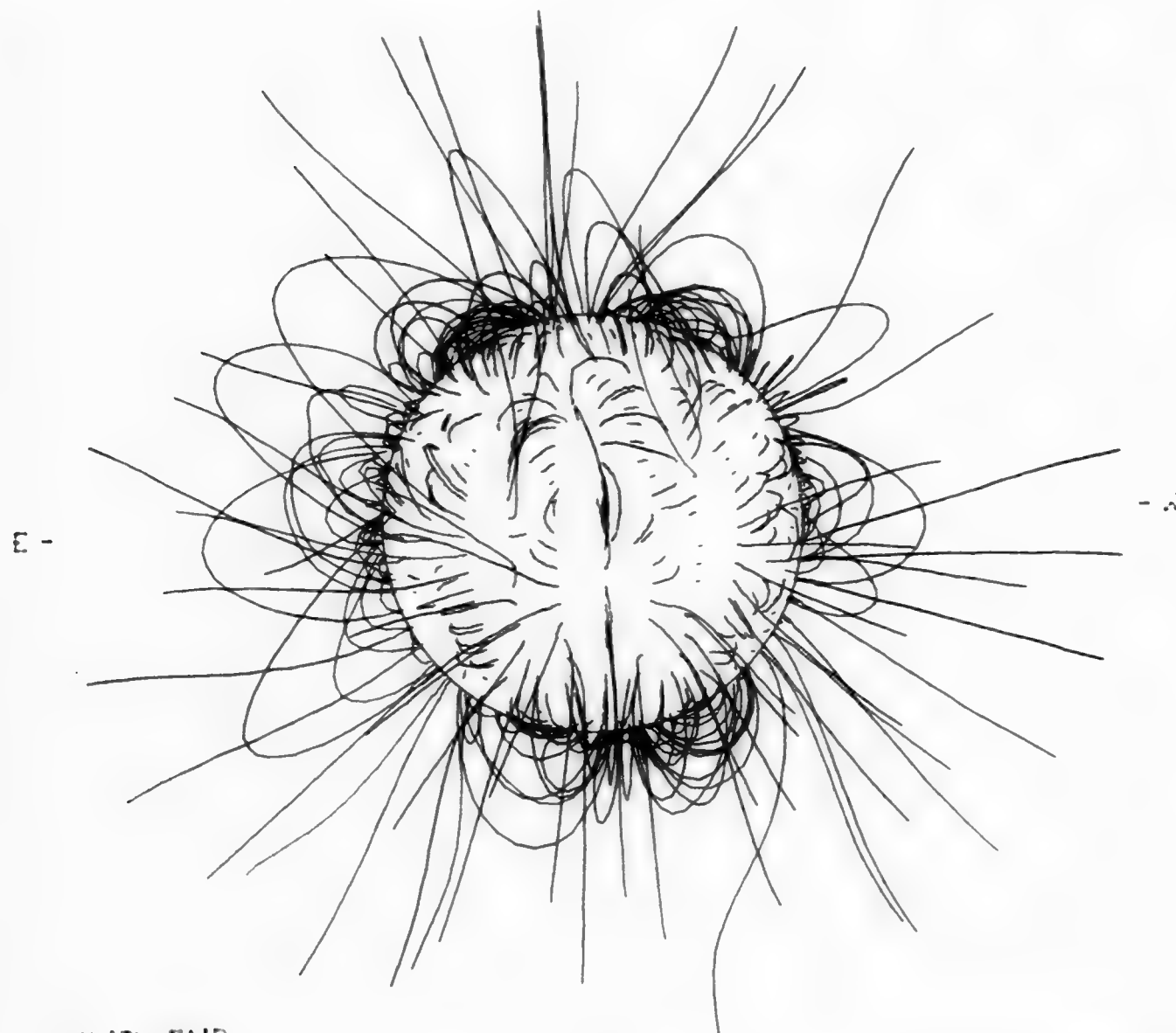
POLES AVERAGED

DATA WINDOW 1513.4"

S

RUT. 1513 LONG. 1513
30.2 1513 1513

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



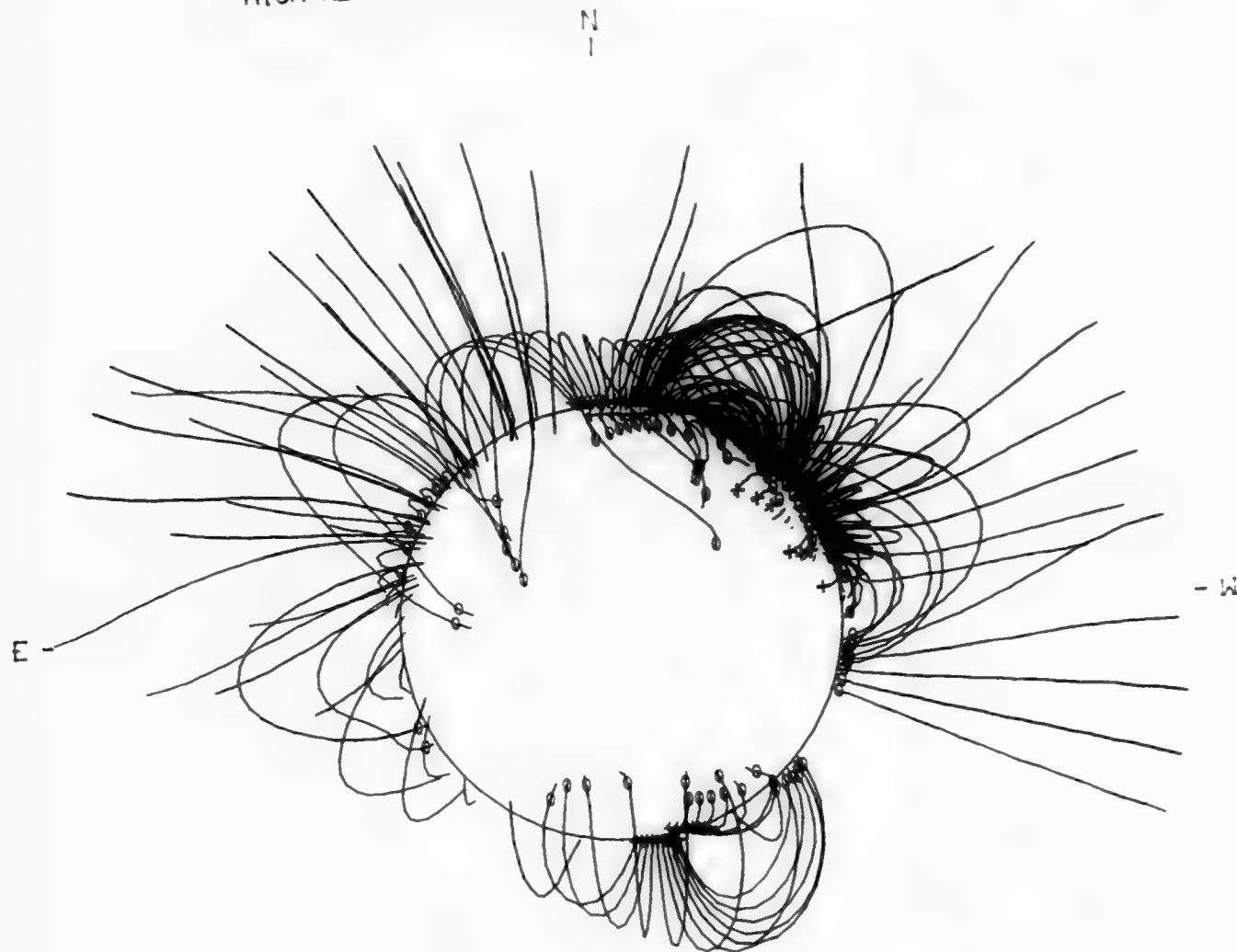
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1513.47

RUT. '513 2013. 70°
31.0 007 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

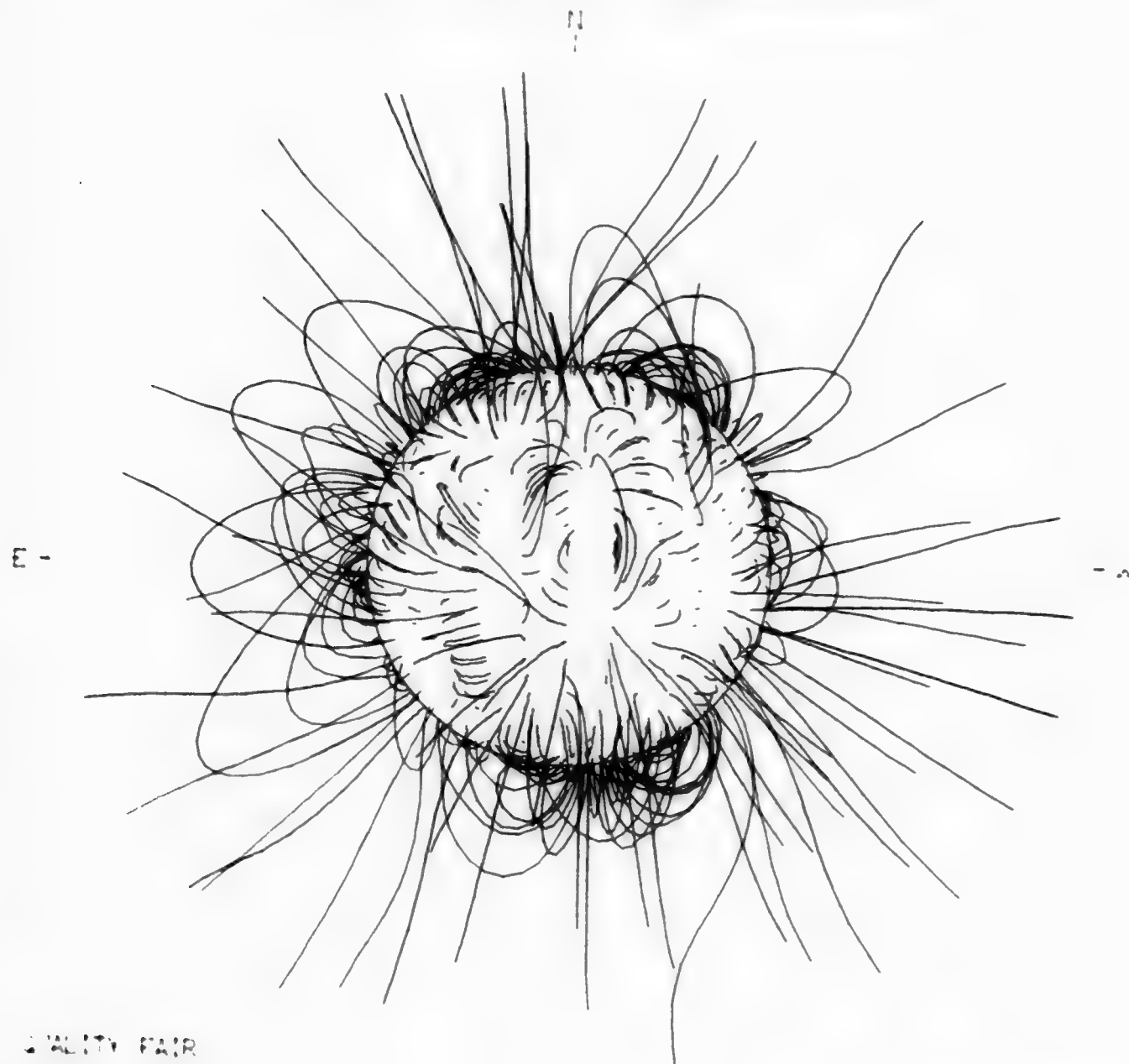


QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1513.47

I
 S

ROT. 1513 LONG. 70°
 31.0 OCT 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

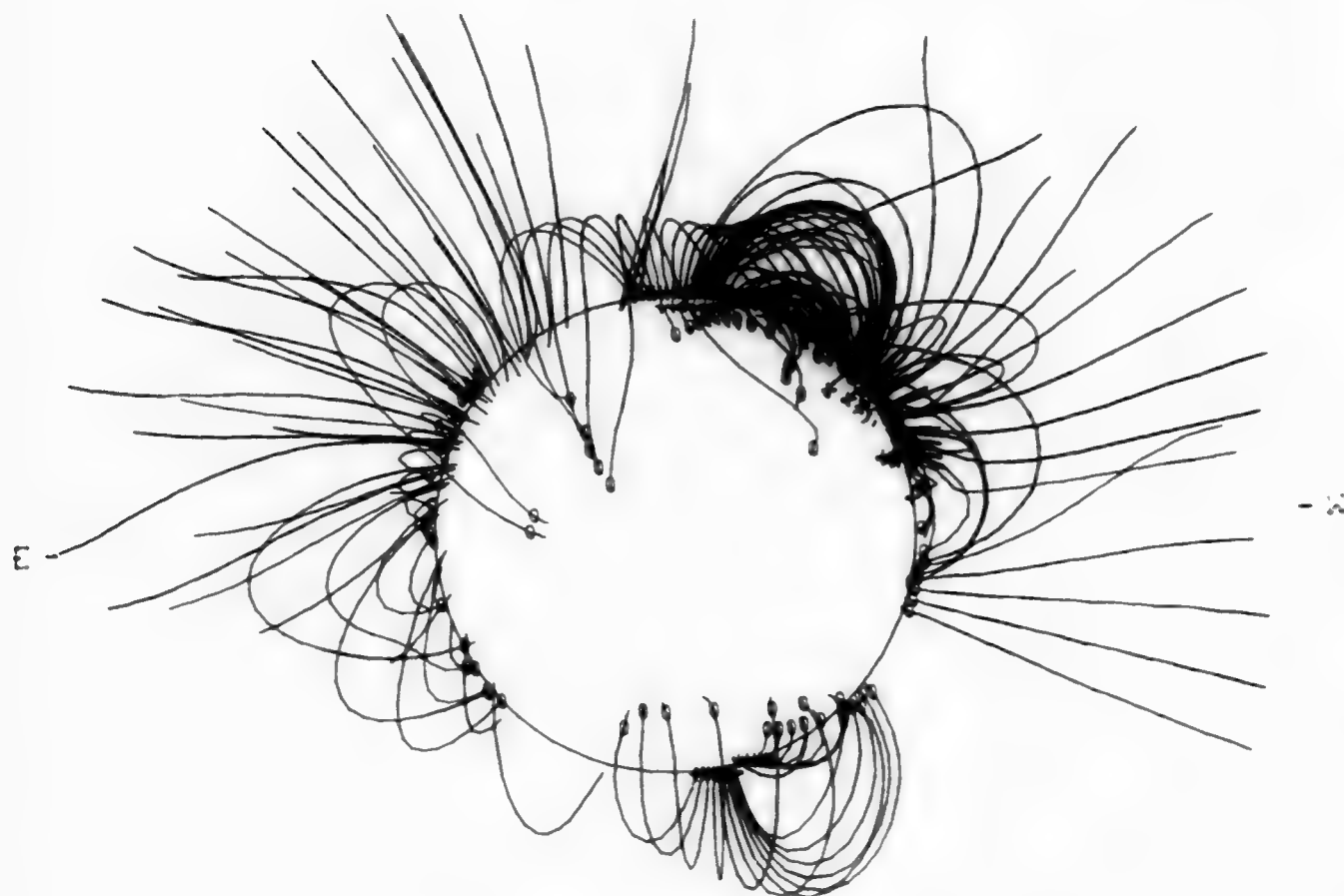


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1513.47

S

R.T. 15:3 1013. 50°
3:7 107 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

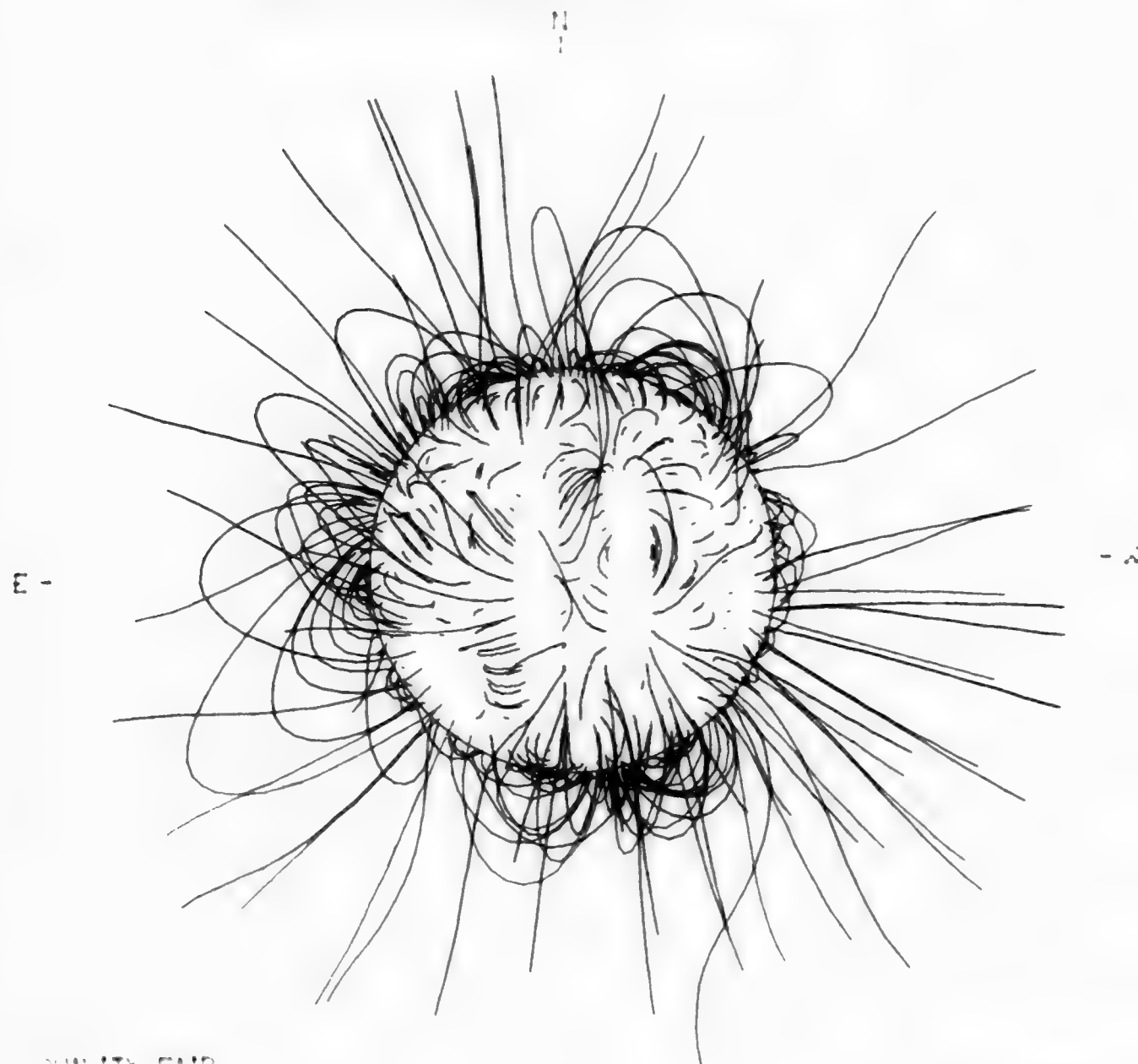


QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1513.47

S

R.T. 1513 1013.47
 3.7 1013.47

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

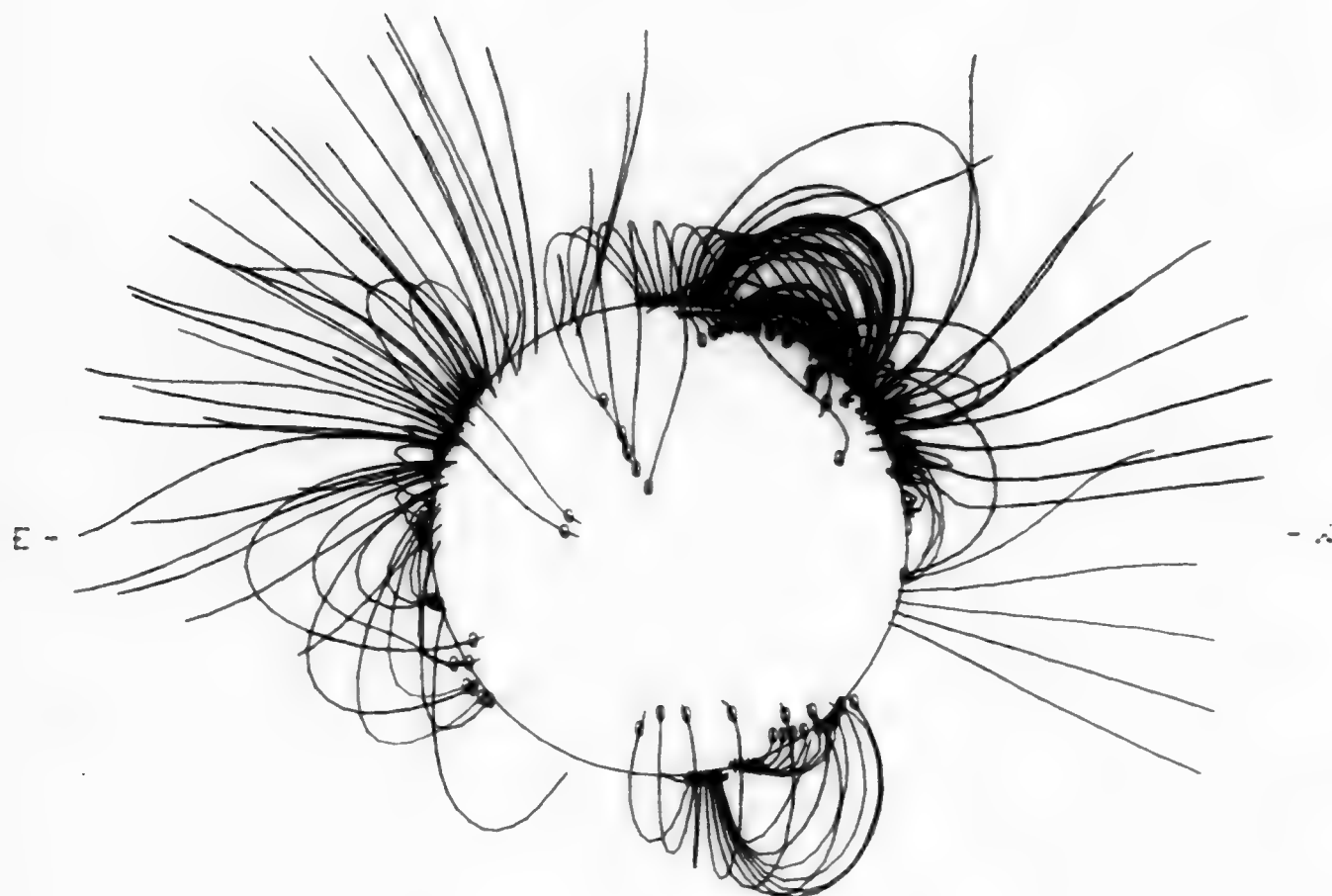
DATA WINDOW 1513.47

S

R.T. 1513 LING. 50°

1.5 1.1 1.05

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



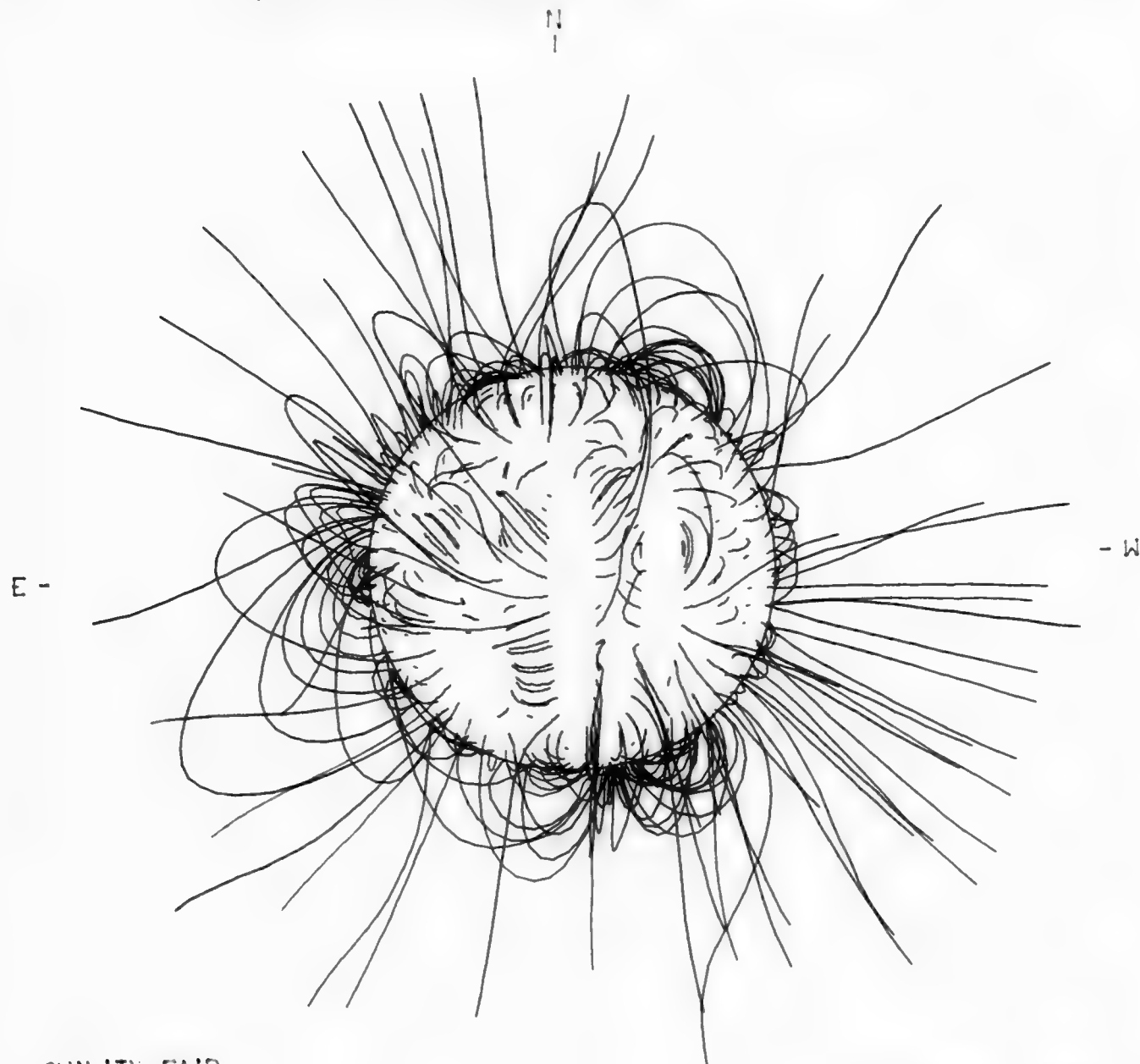
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1513.47

ROT. 513 1000 51°
1.5 10. 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

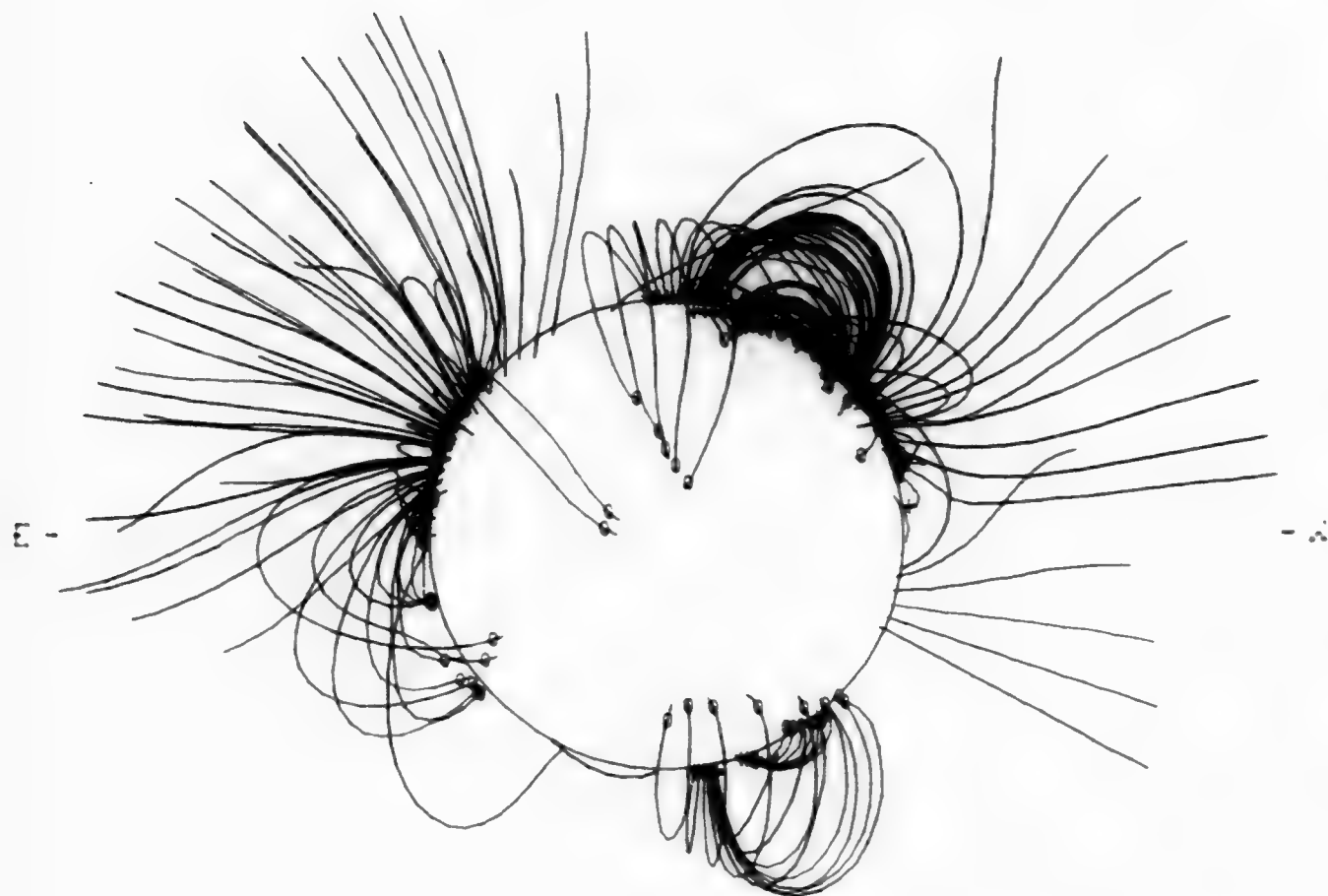
POLES AVERAGED

DATA WINDOW 1513.47

1
S

ROT. 1513 LONG. 40°
2.2 NOV 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

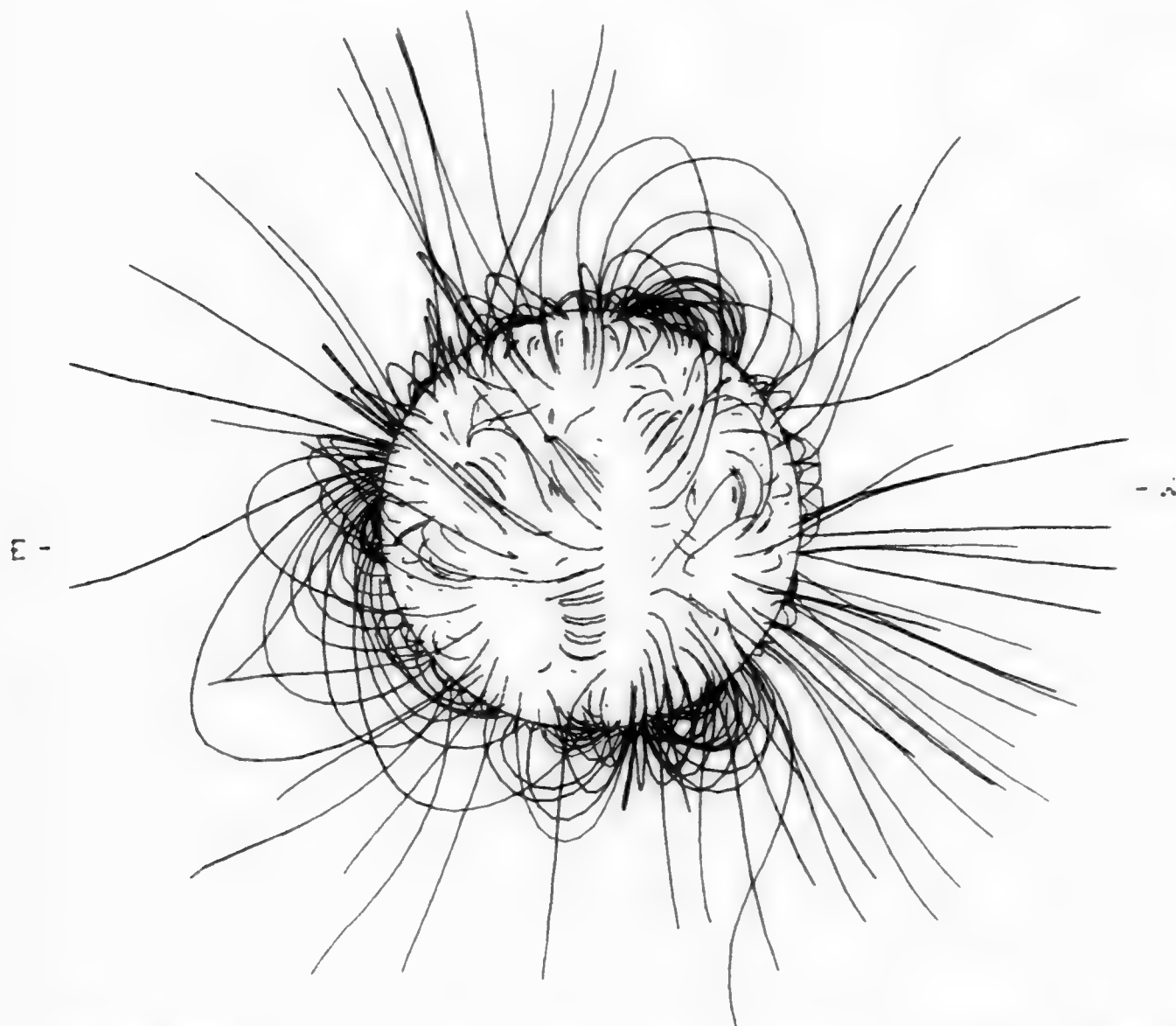
POLES AVERAGED

DATA WIDE IN 1513.47

REL. 1513 1000 40°

2.2 10.1 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

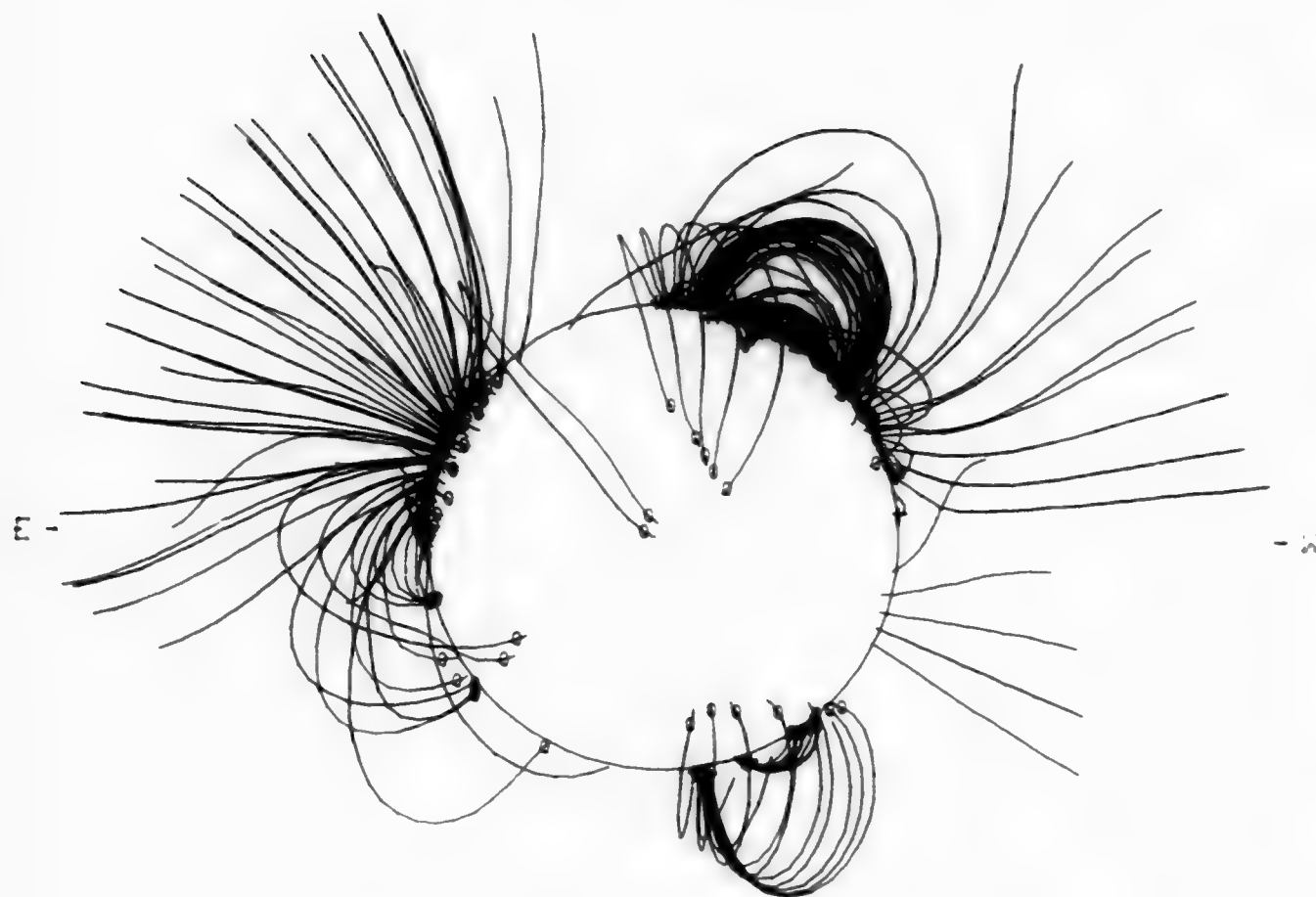


QUALITY FAIR
 POLES AVERAGED
 DATA KNOWN 1913.47

S

8.7. 15.3 11.6. 5.0
 3.0 11.1 1.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

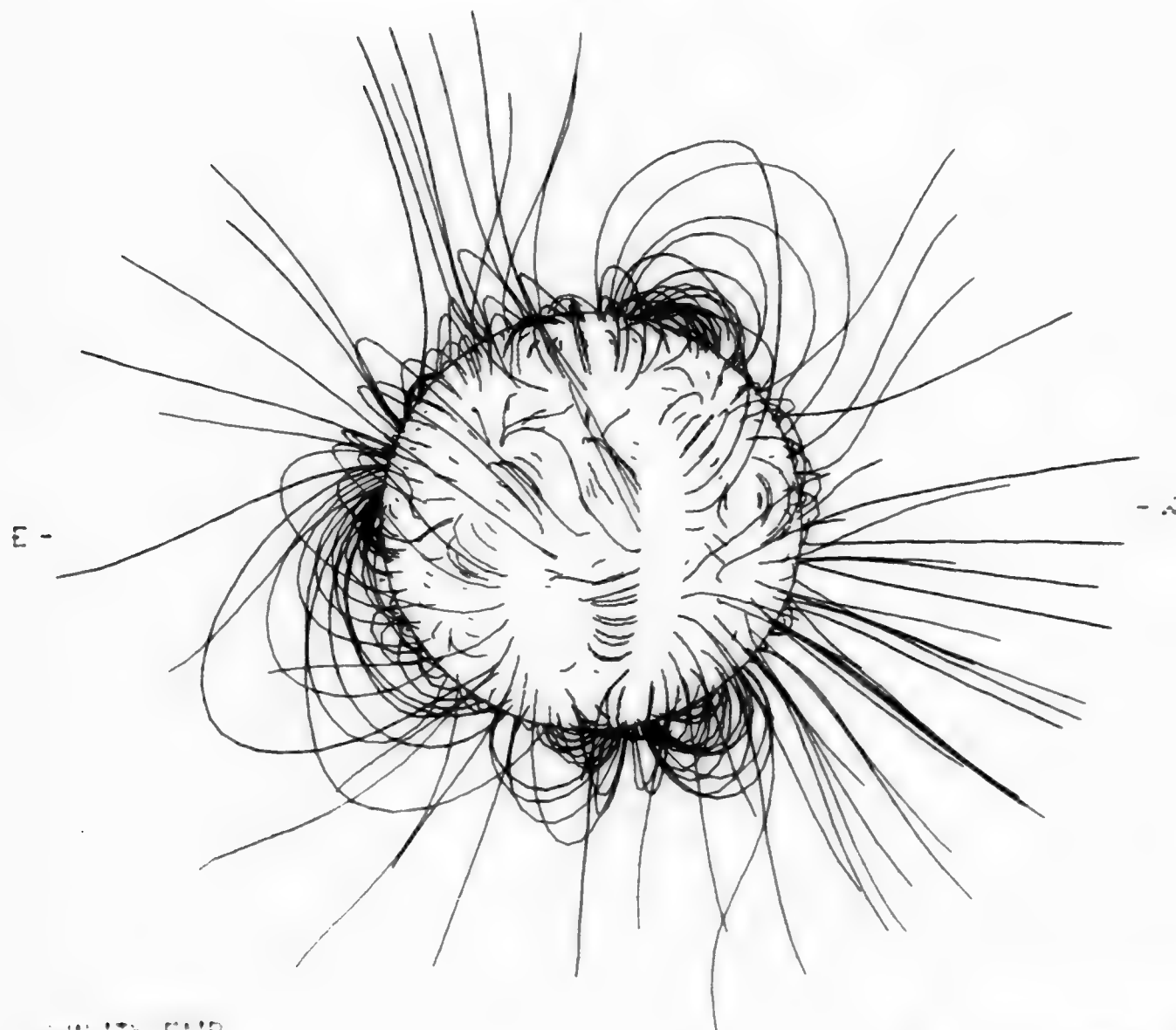
DATA WINDOW 1513.47

1
S

REL. 1513 2013. 50°

3.0 NOV 1996

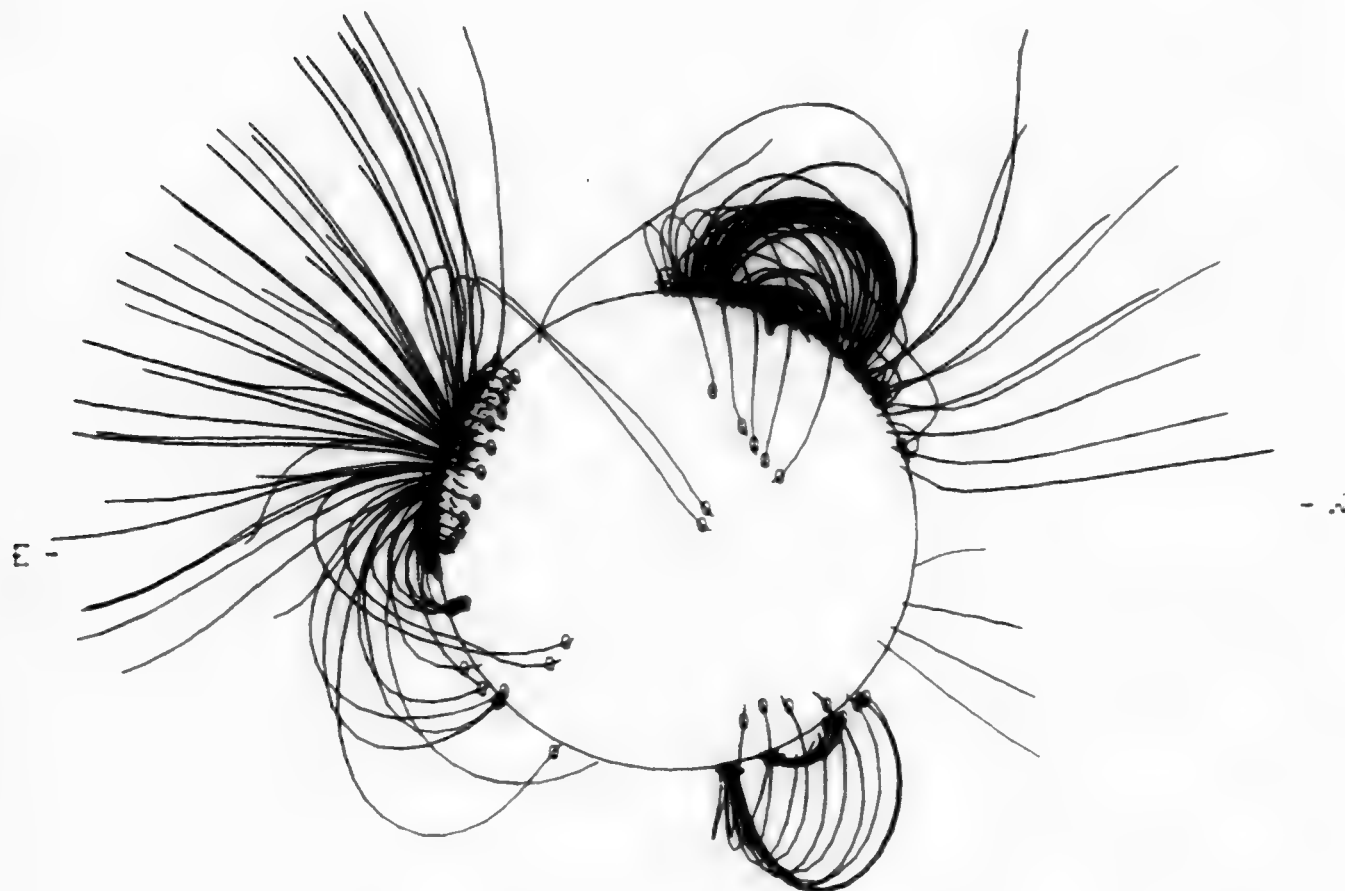
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1513.47

REF. 1513 2115. 21°
 3.6 11. 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

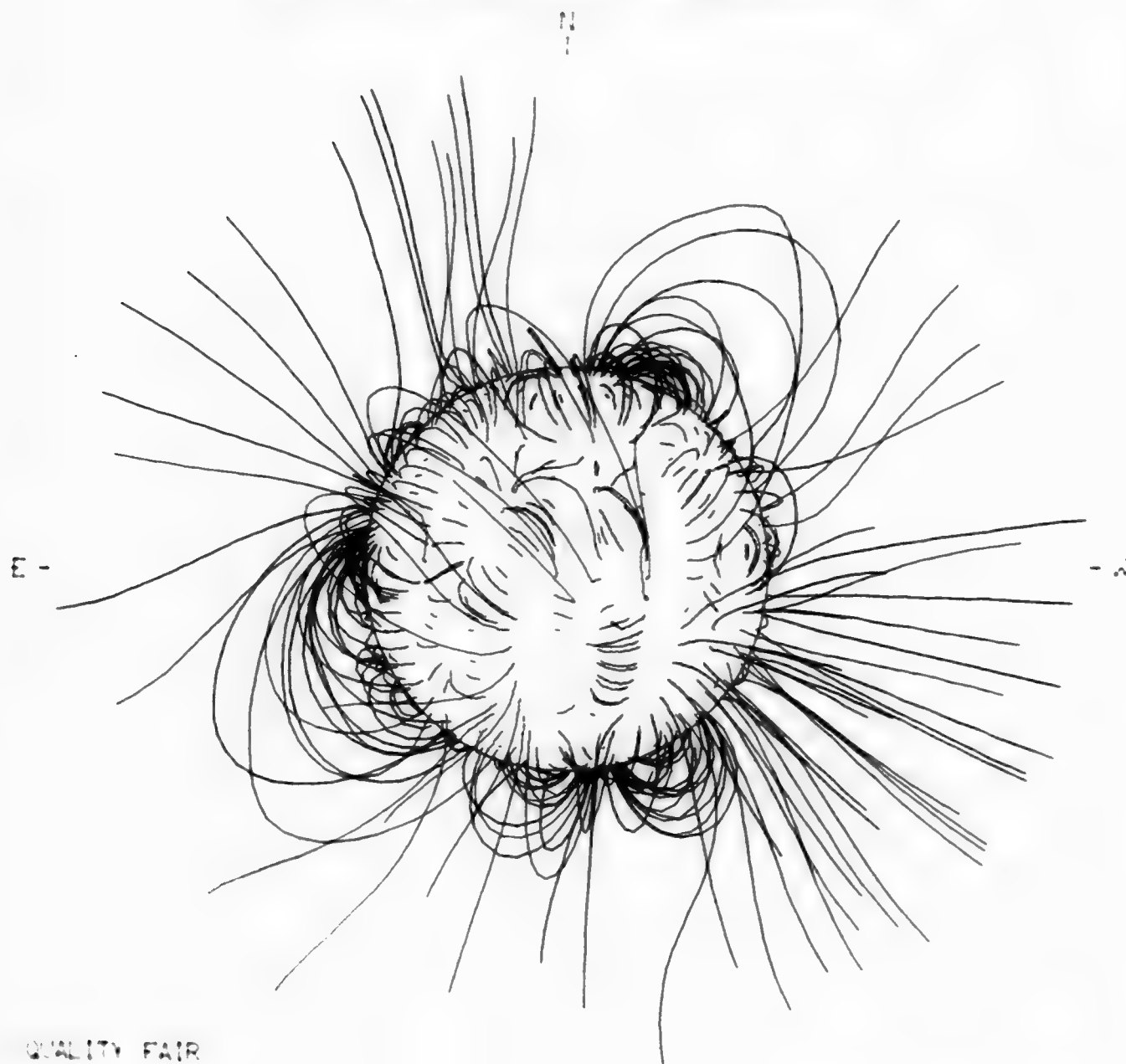


QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1513.47

↑
 S

RLT. 1513 LONG. 21°
 3.8 NL. 1245

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1513.47

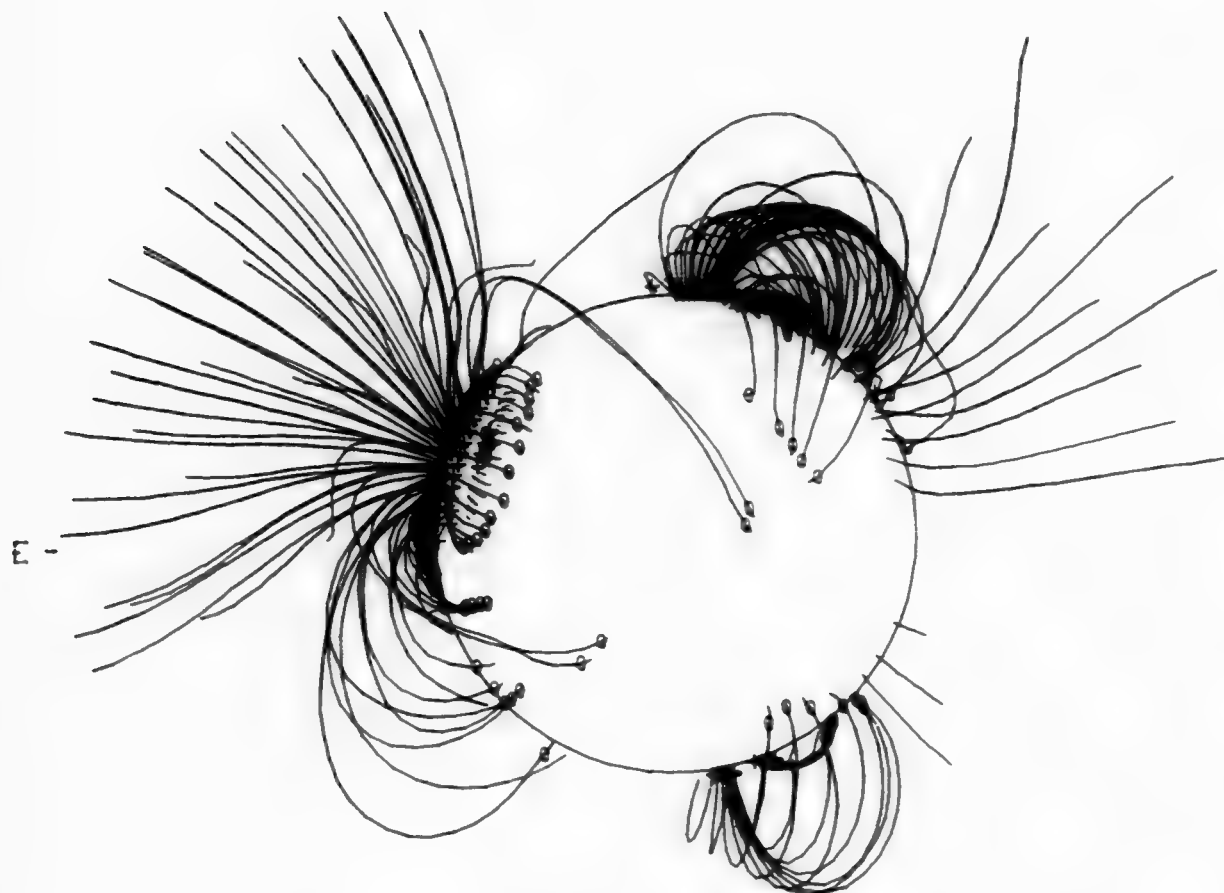
1
S

207. 1513 1113. 111

4.5 101 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

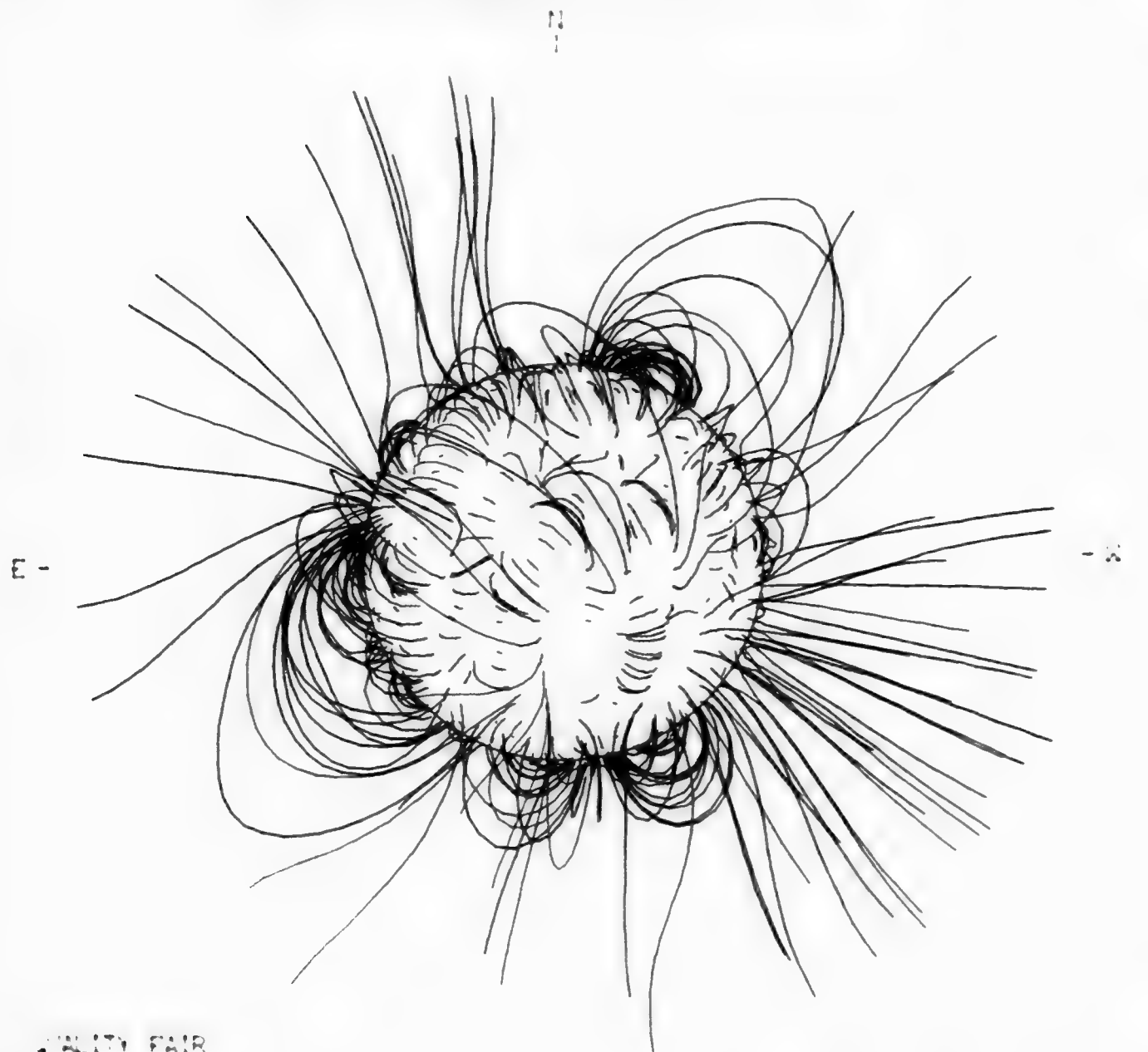
POLES AVERAGED

DATA WINDOW 1513.47

S

R.T. 1513 2.10. 1.1
4.5 11. 1.06

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

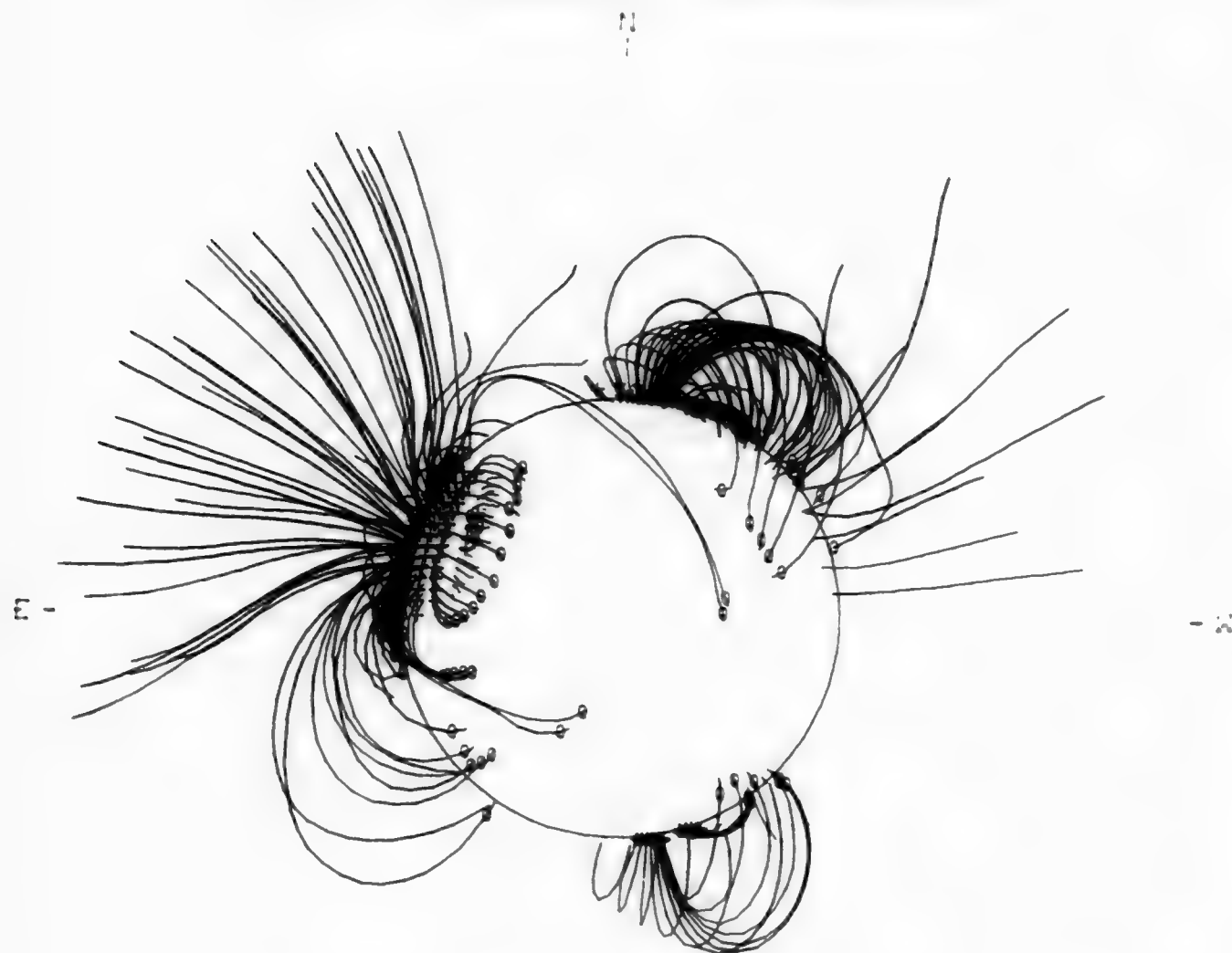
DATA WINDOW 1513.47

S

R.T. '5'3 11.13. 1°

5.3 11. 1996

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

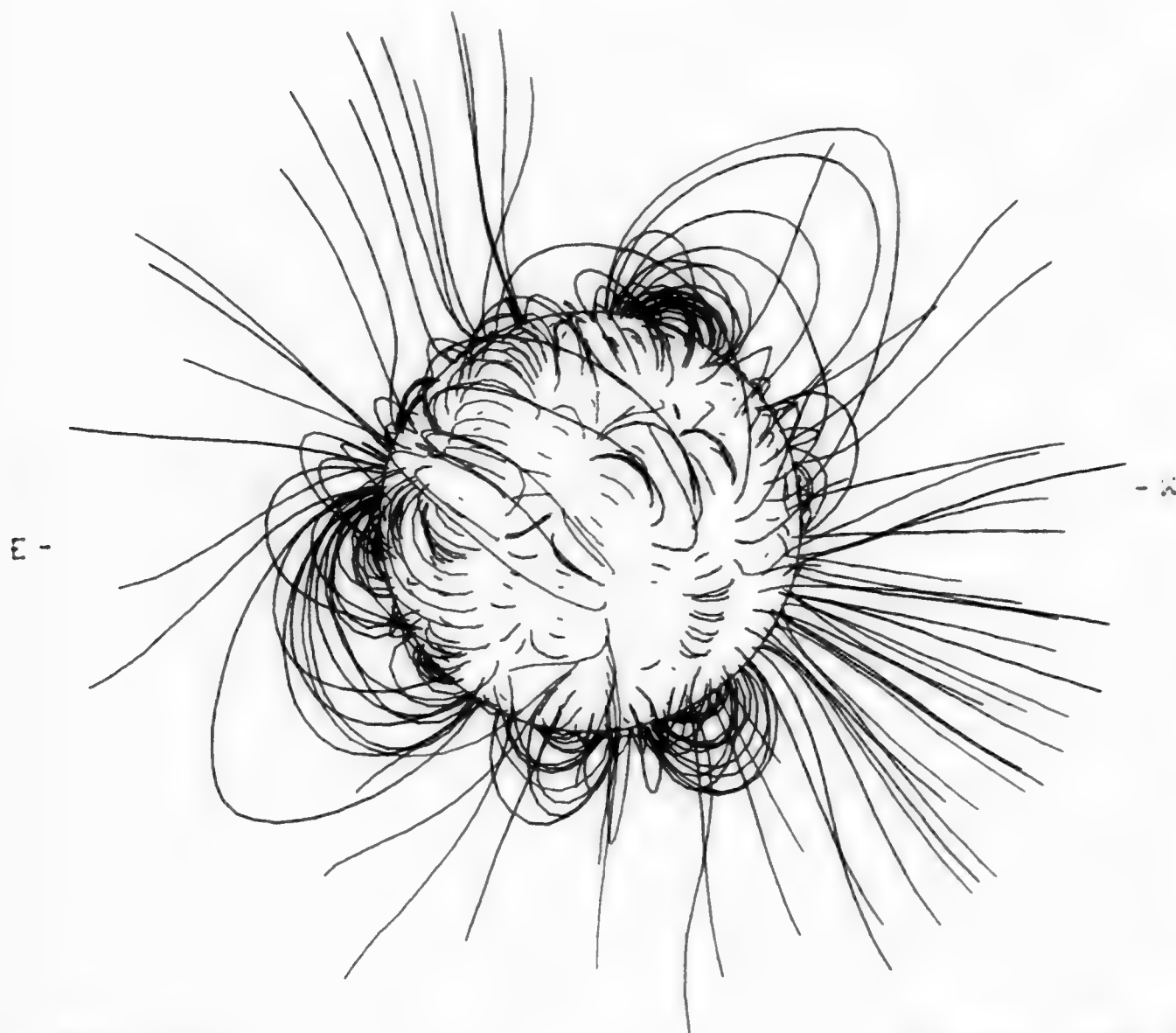
DATA WINDOW 1513.47

1
S

8.7. '53 1.15. 0°
5.3 1.15. 1955

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

11
1

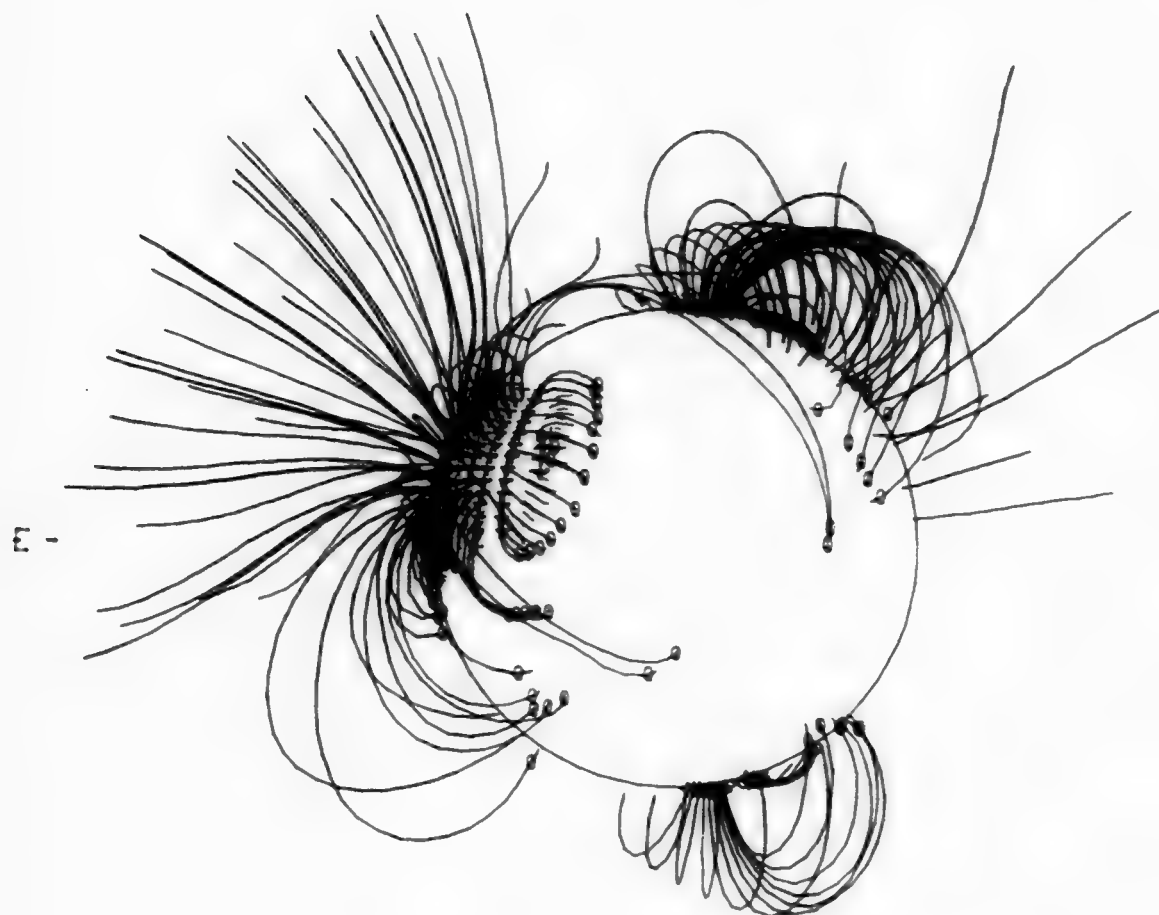


QUALITY FAIR
PULSES AVERAGED
DATA WINDOW 15'3.47

S

R.L. 15'4 1016. 351°
6.1 11. 1965

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

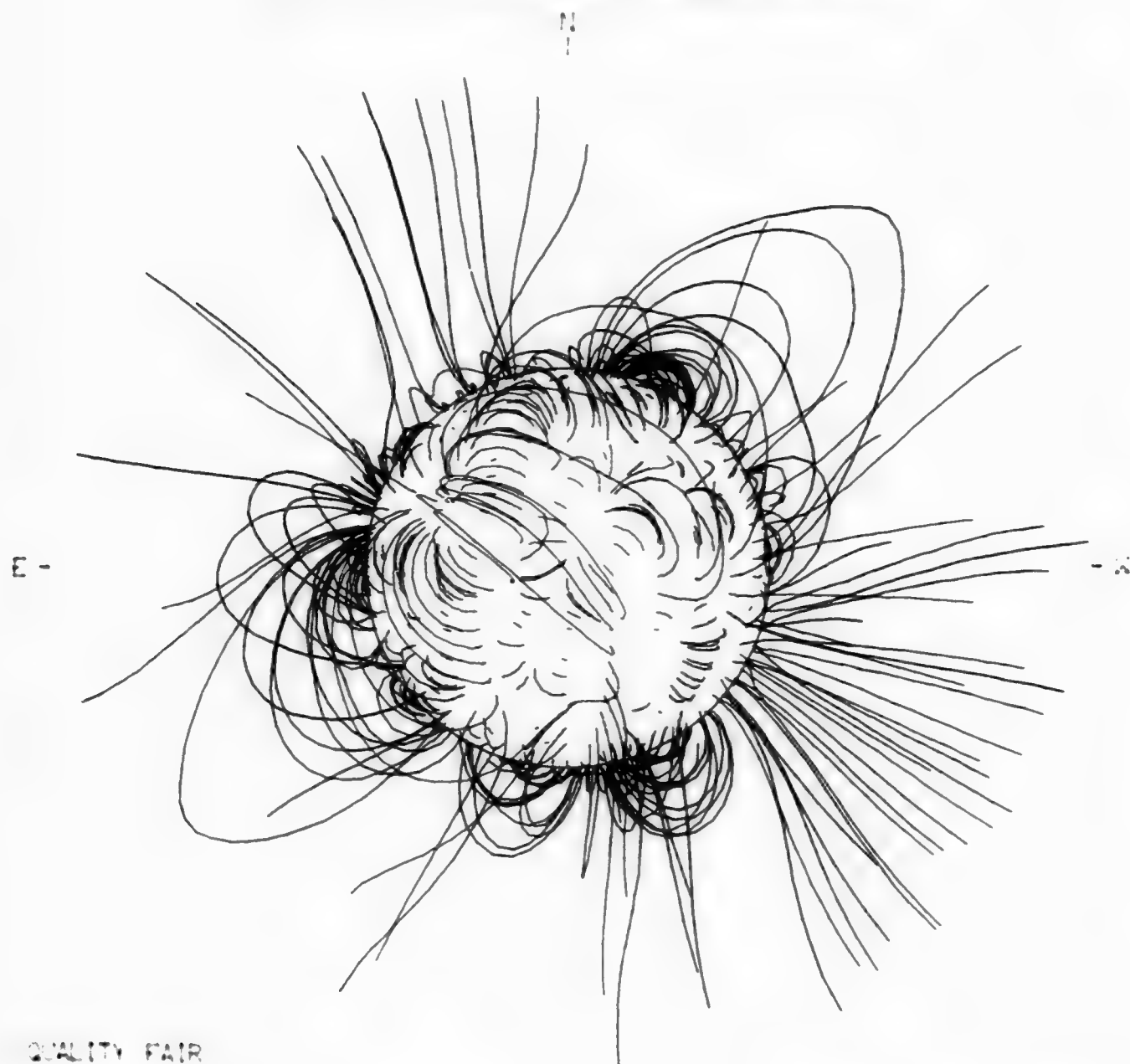
DATA WINDOW 1513.47

S

ROT. 15.4 LING. 35.0

6.0 N. 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

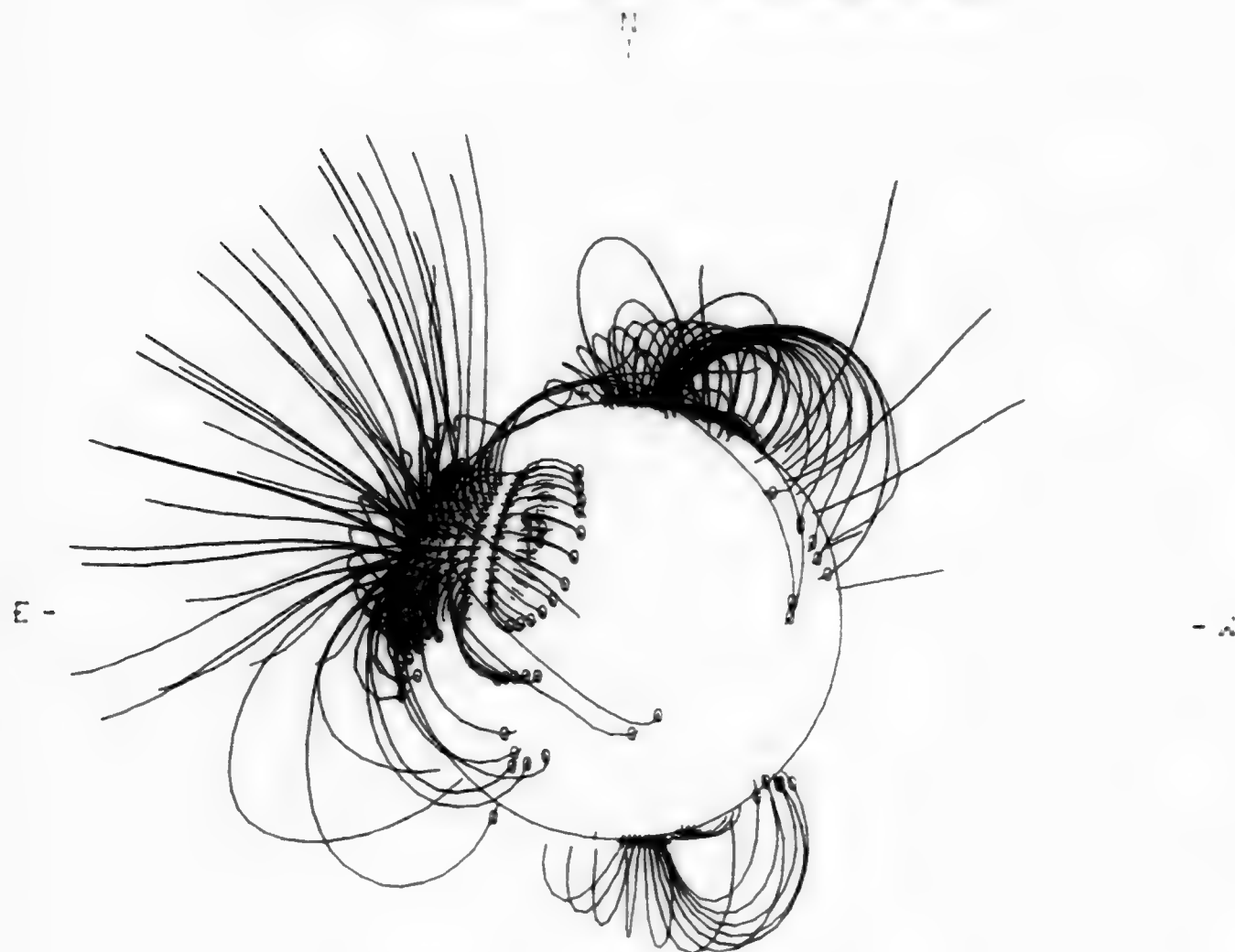
DATA WINDOW 1513.47

S

ROT. 1514 LONG. 541°

5.8 10.0 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

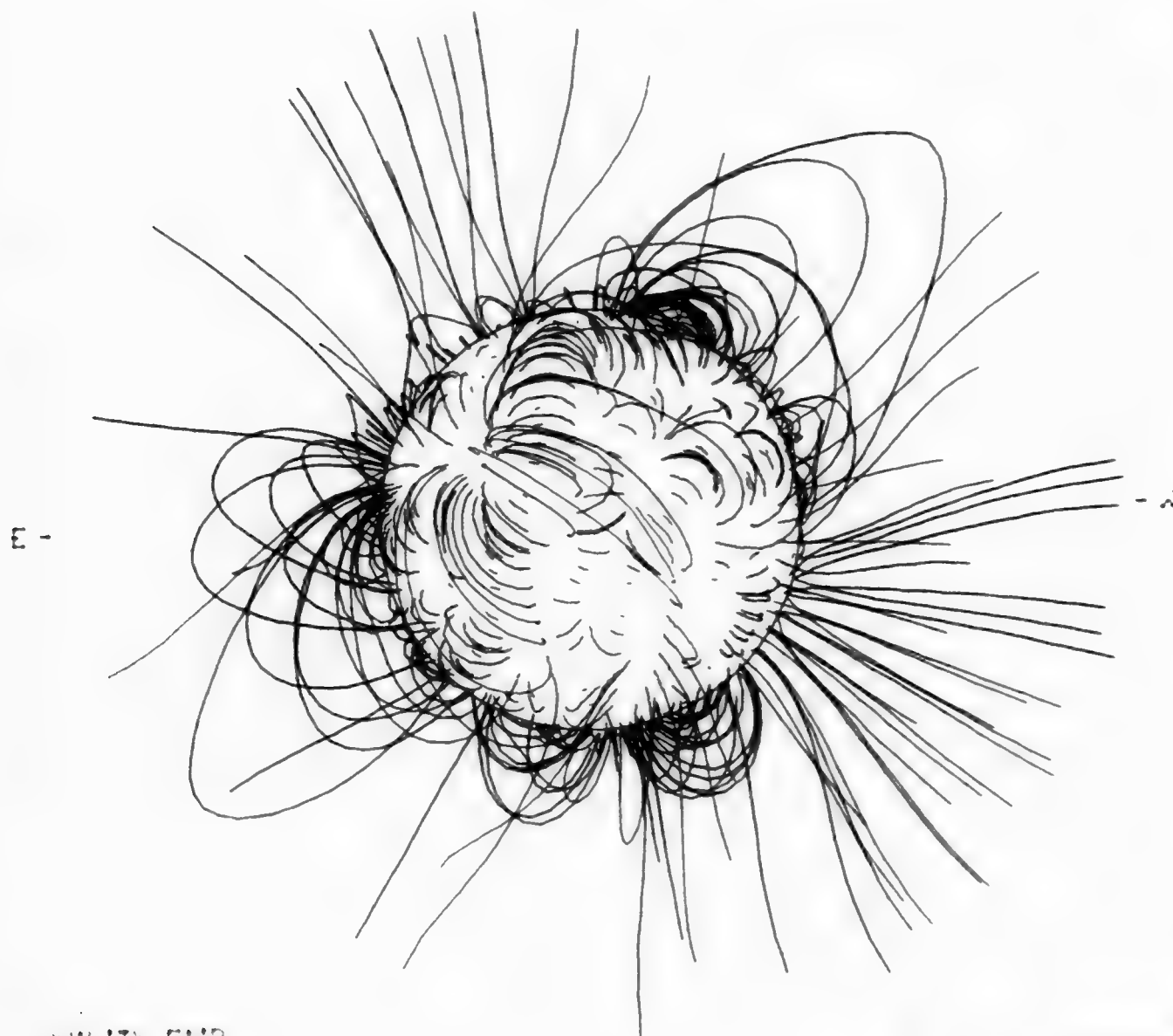
POLES AVERAGED

DATA WINDOW 1513.47

RUT. '514 2113. 211'

6.8 NOV 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



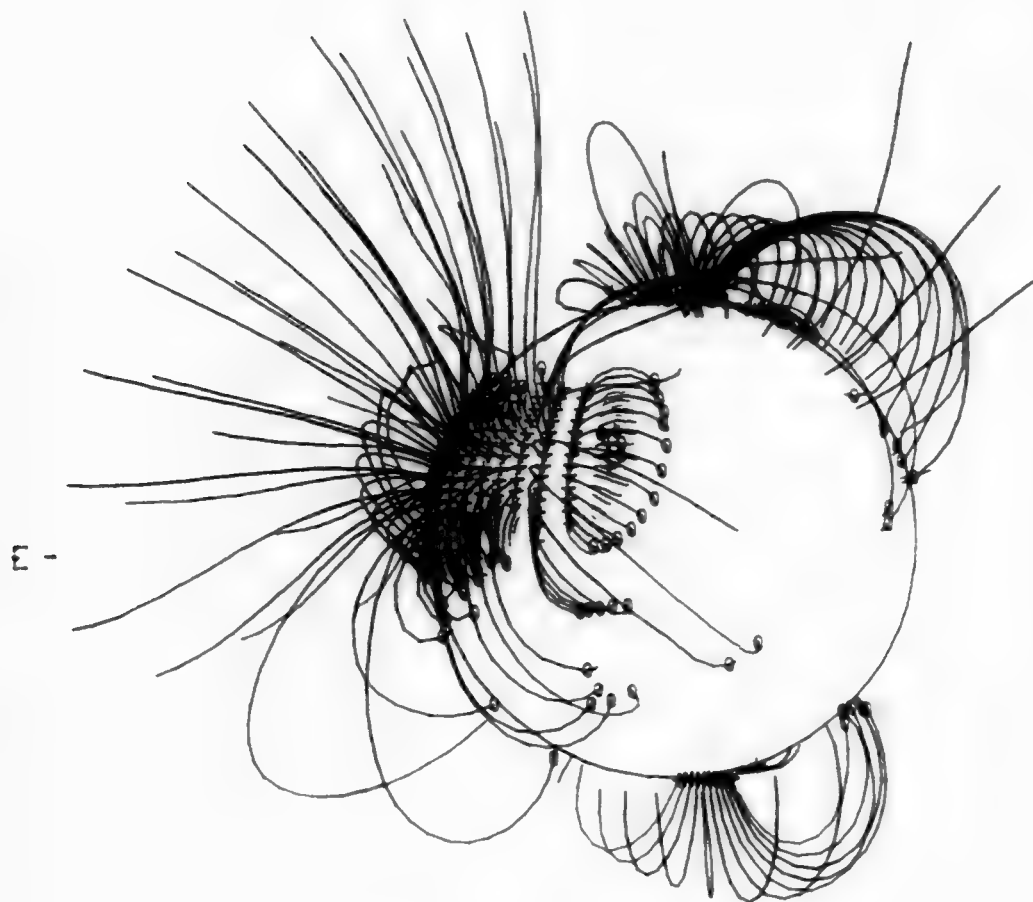
QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1513.47

1
S

ROT. 1514 LONG. 331°
7.5 10.7 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
|
|



QUALITY FAIR

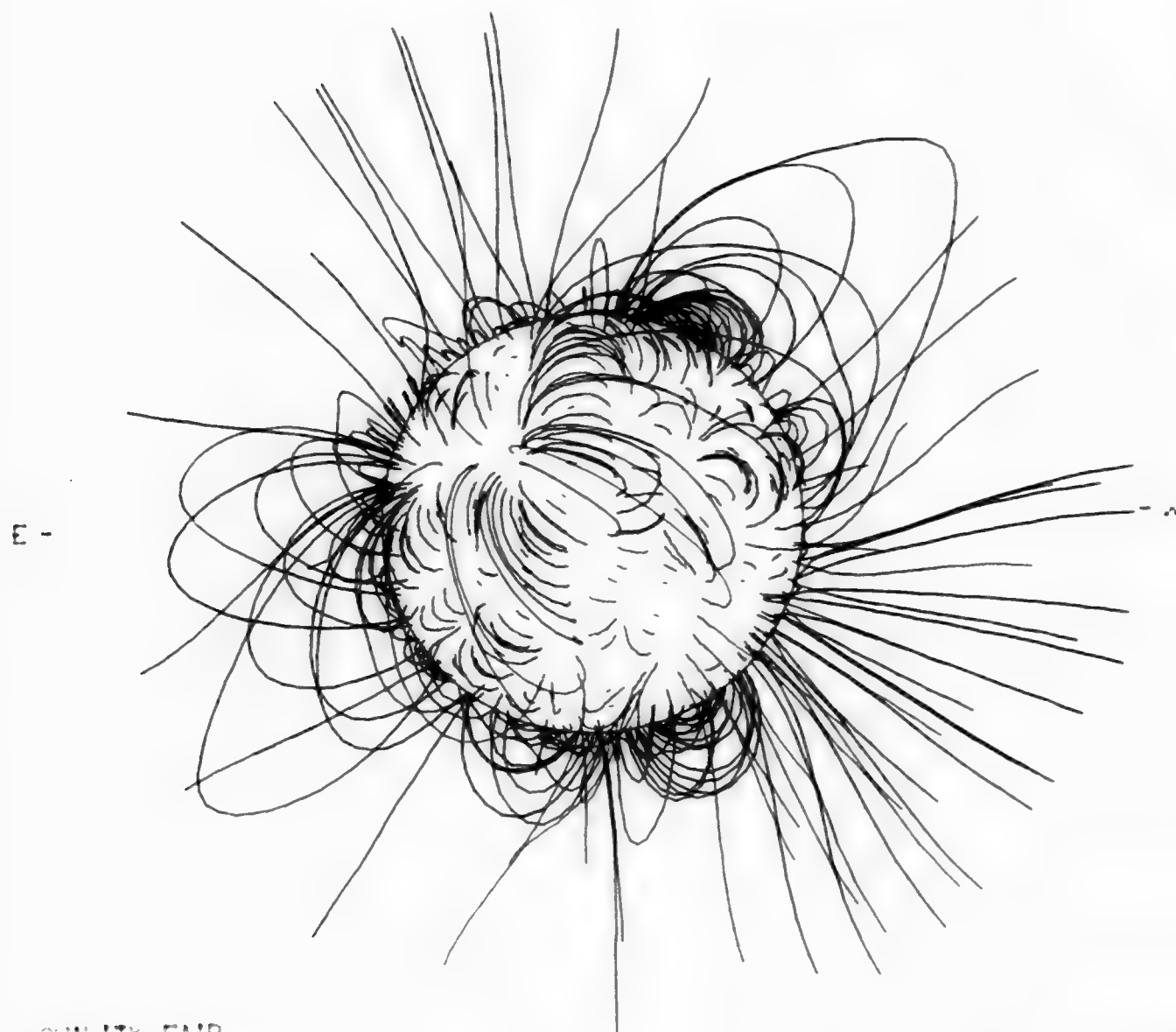
POLES AVERAGED

DATA WINDOW 1513.47

1
S

ROT. 1514 LONG. 550°
7.5 10. 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

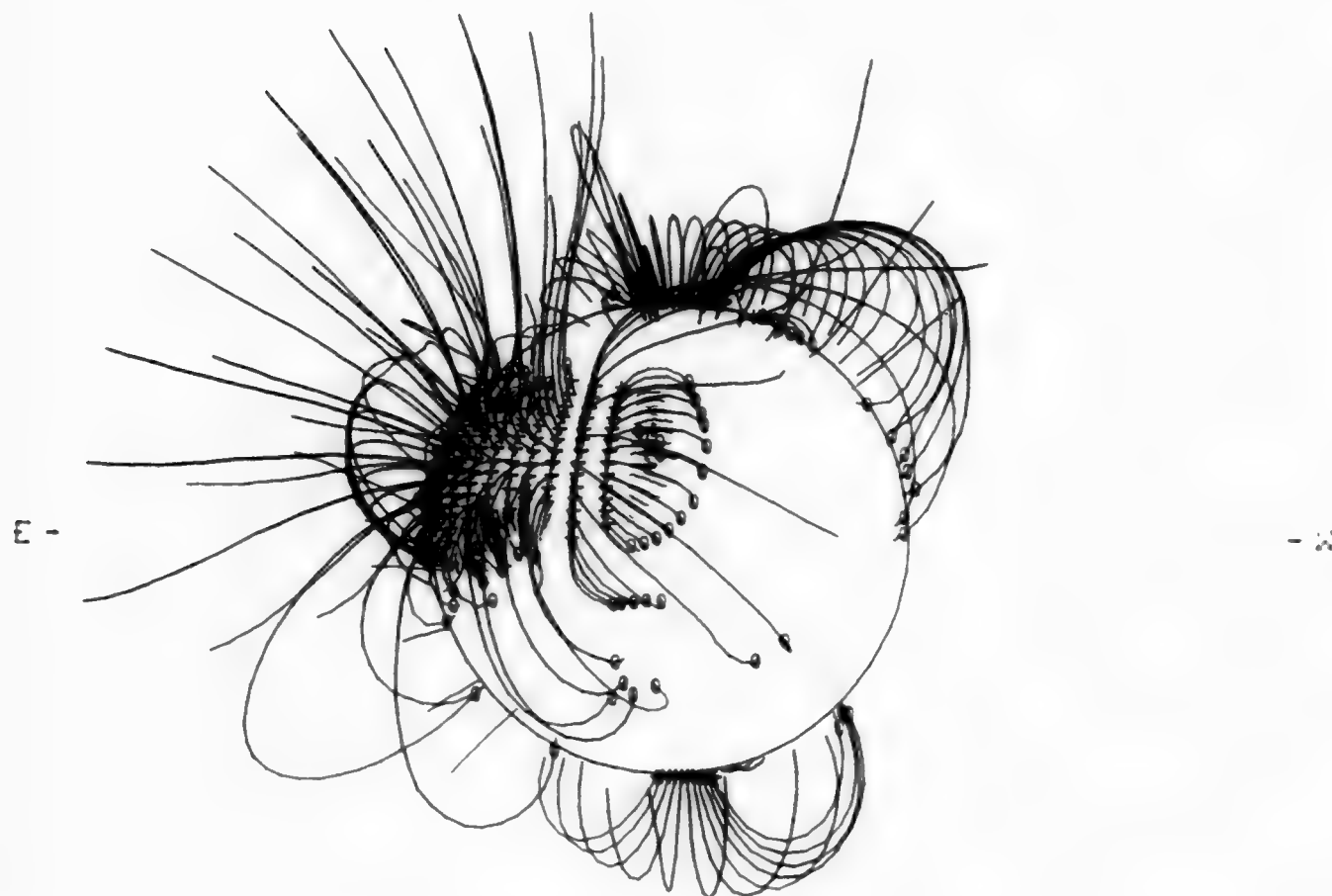


QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1513.47

R.T. 1514 LONG. 501°
8.3 10.1 10.1

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

11
1



QUALITY FAIR

POLES AVERAGED

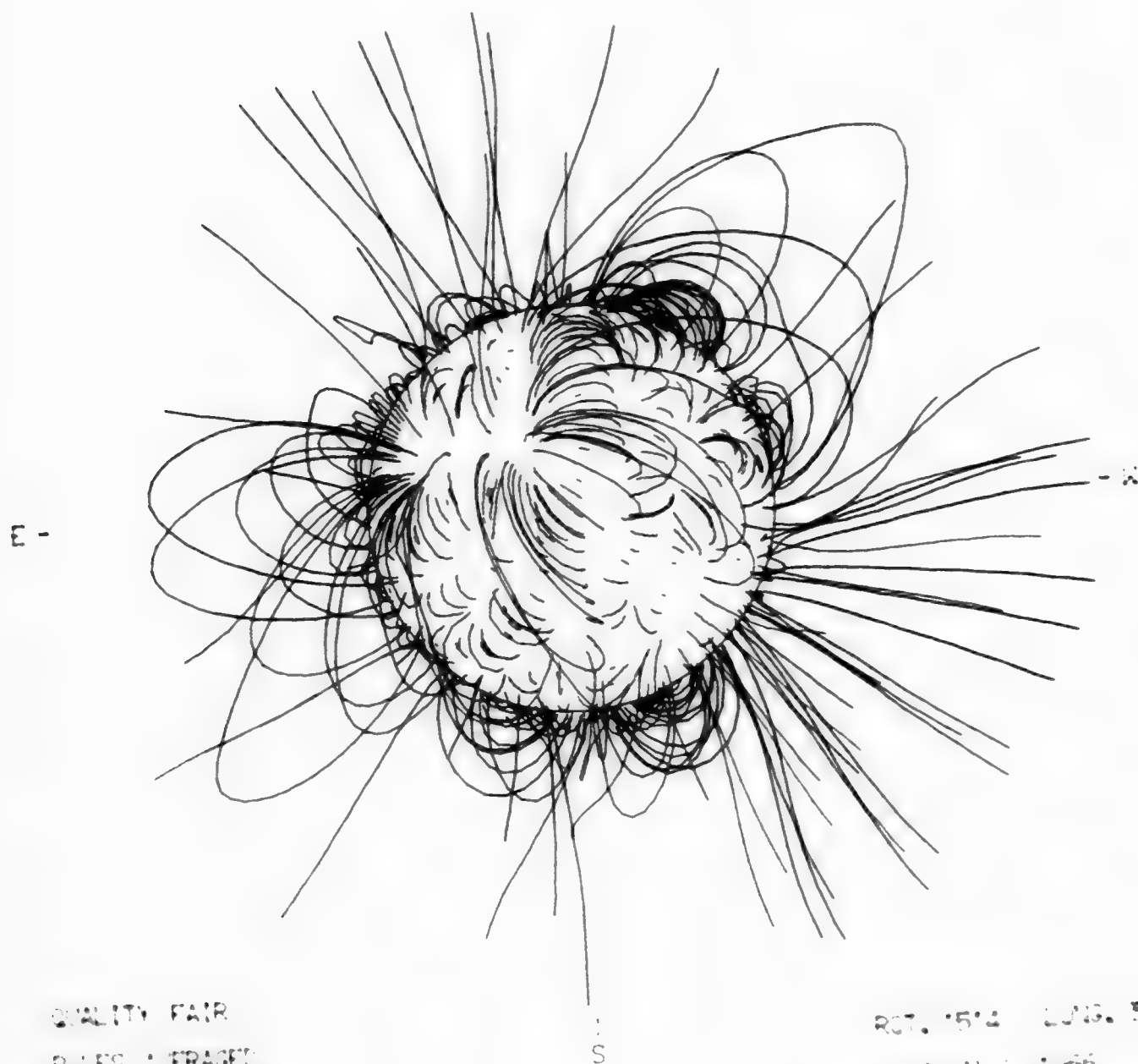
DATA WINDOW 1513.47

S

ROT. 15.2 2013. 300°

8.3 NOV 1986

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



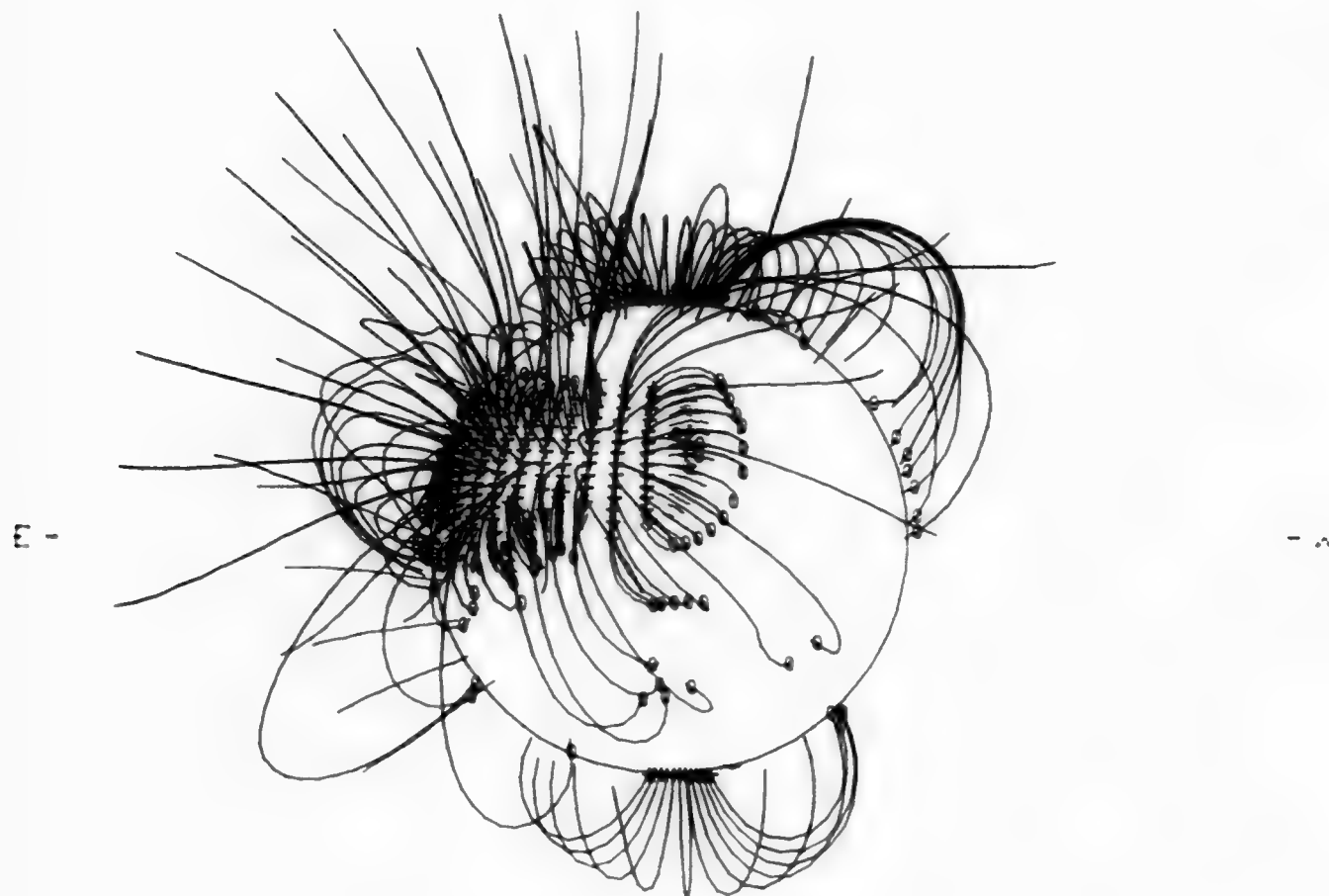
QUALITY FAIR

PALES AVERAGED

DATA WITHIN 1513.47

ROT. 15.2 LONG. 5.0°
 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

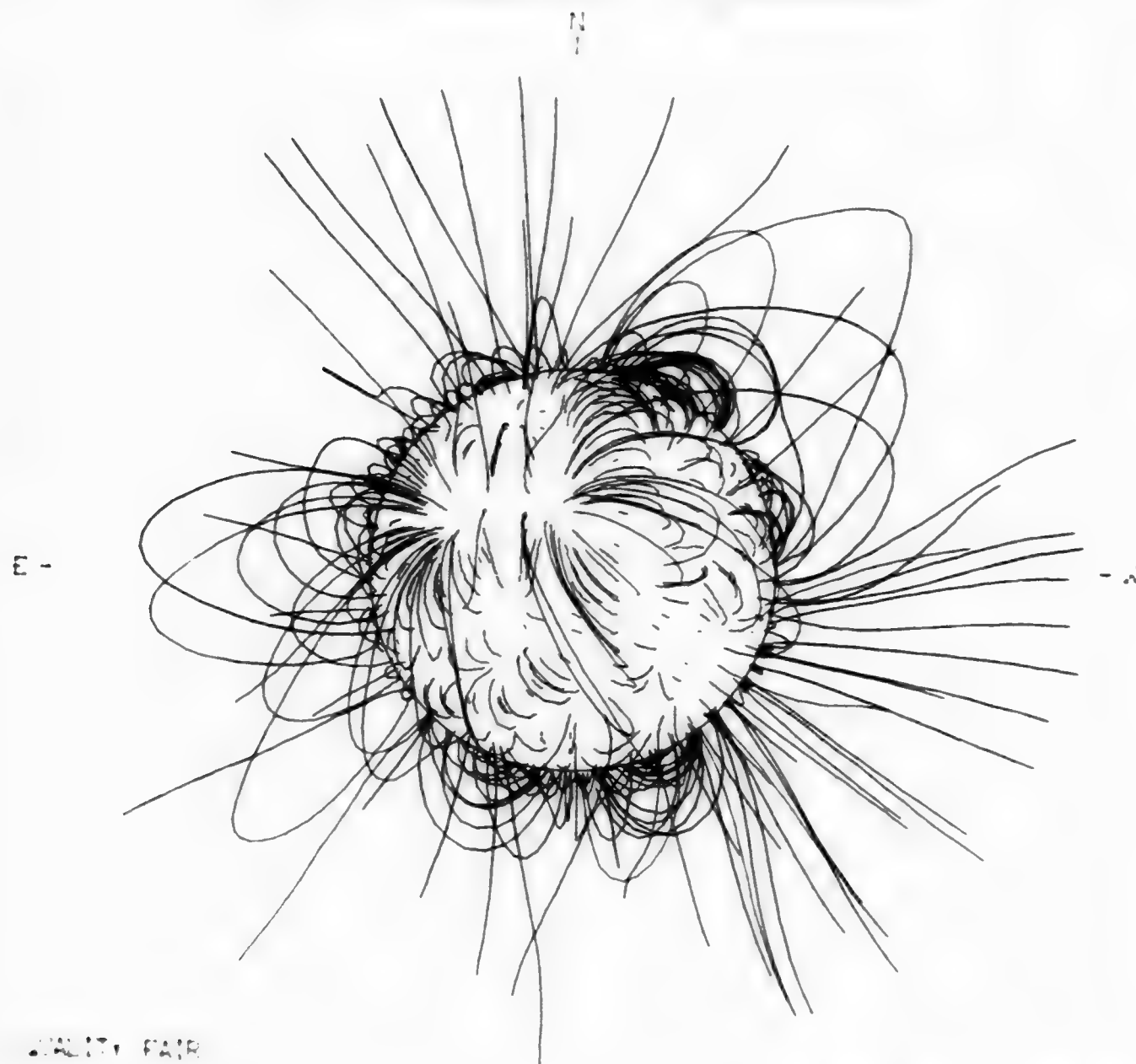
POLES AVERAGED

DATA WINDOW 1513.47

RUT. 1514 1013.510

W. 1014 1013.510

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1513.47

S

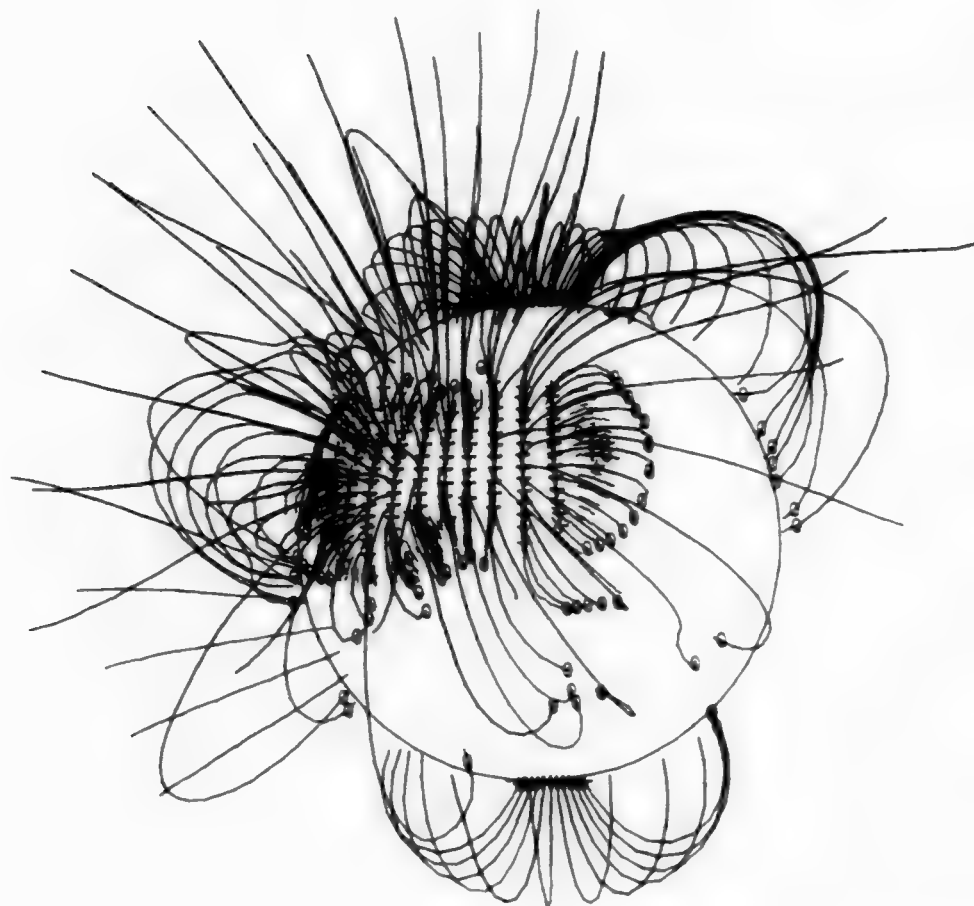
R.T. 1514 2013.300°

M.F. 1.1 1.200

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

E -



QUALITY FAIR

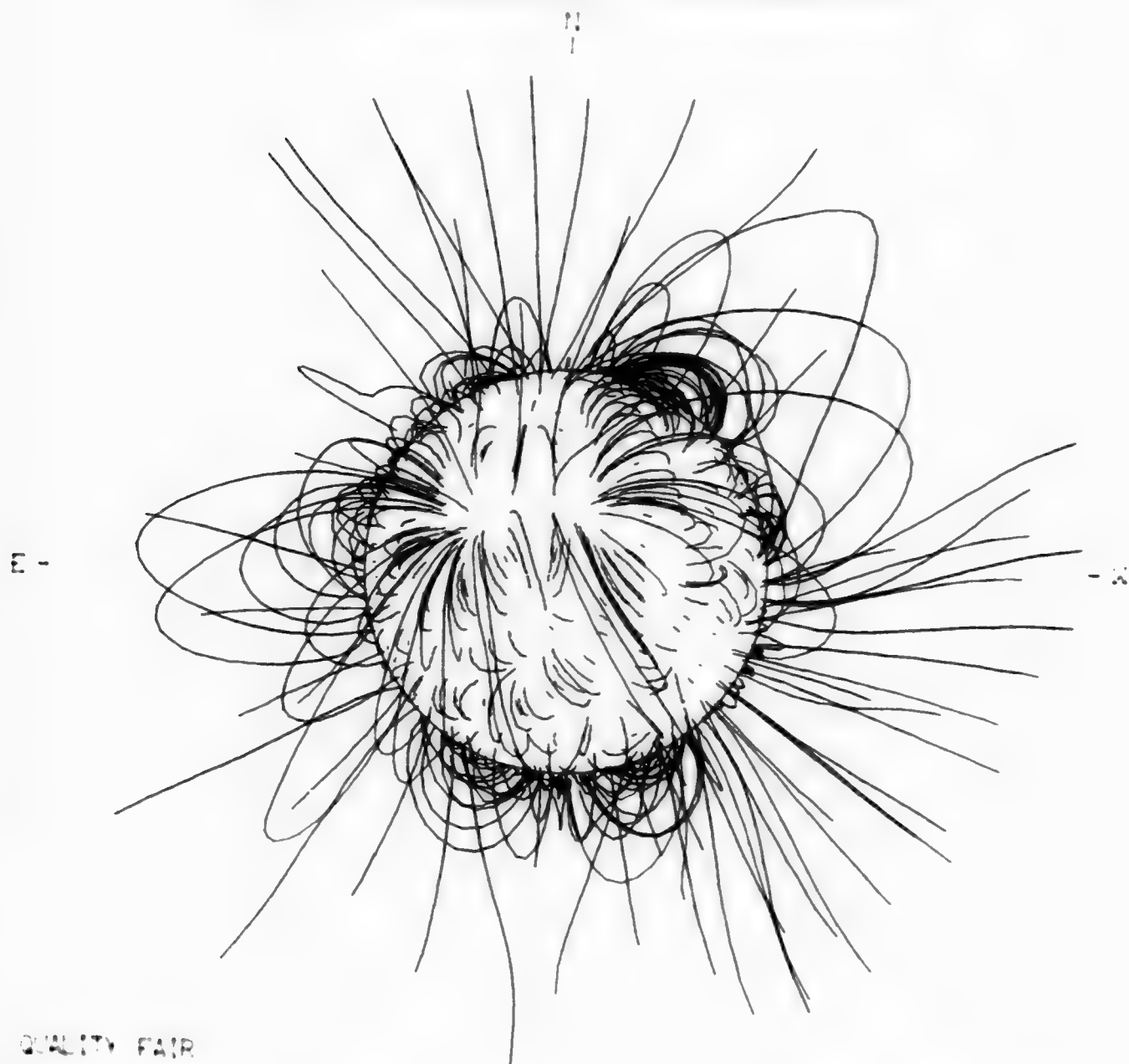
POLES AVERAGED

DATA WINDOW 1513.47

S

RUT. 1512 LIND. 500°
S. 5 100 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1513.47

S

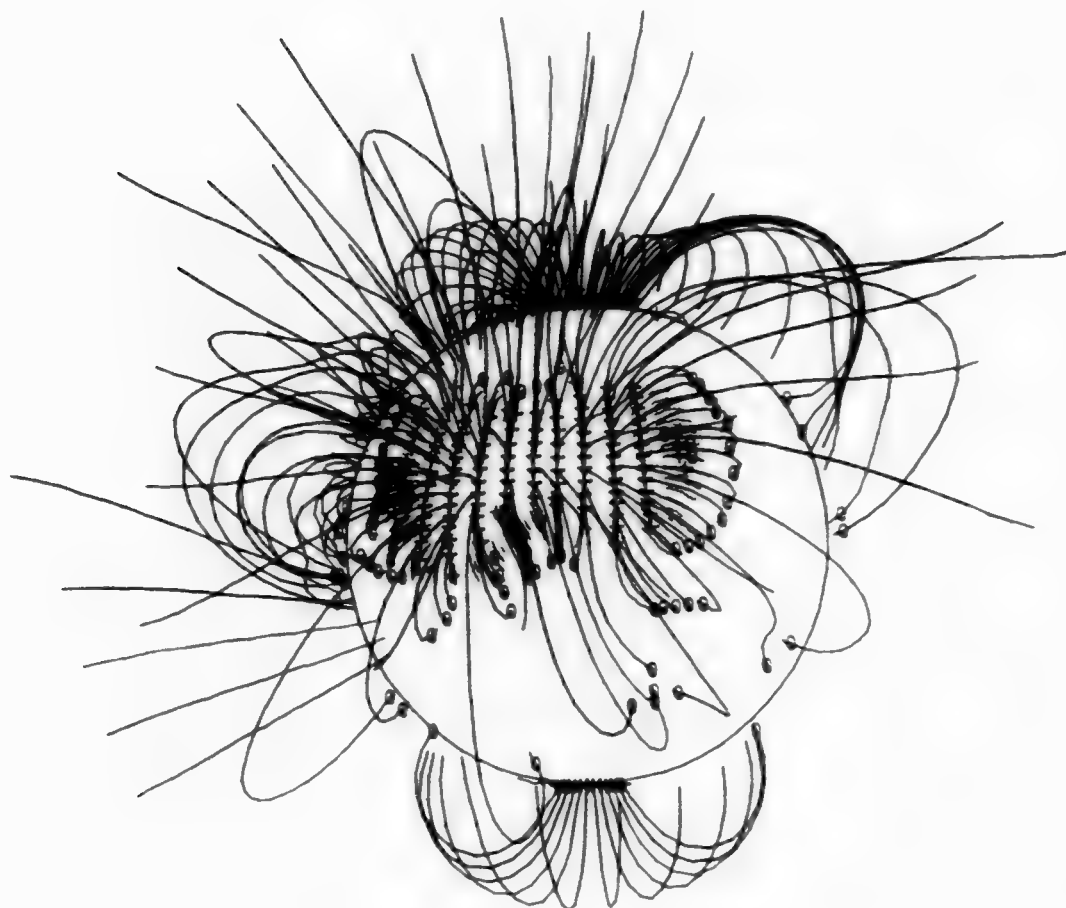
ROT. 1514 LONG. 291°

10.6 10.1 1998

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
|

E -



QUALITY FAIR

POLES AVERAGED

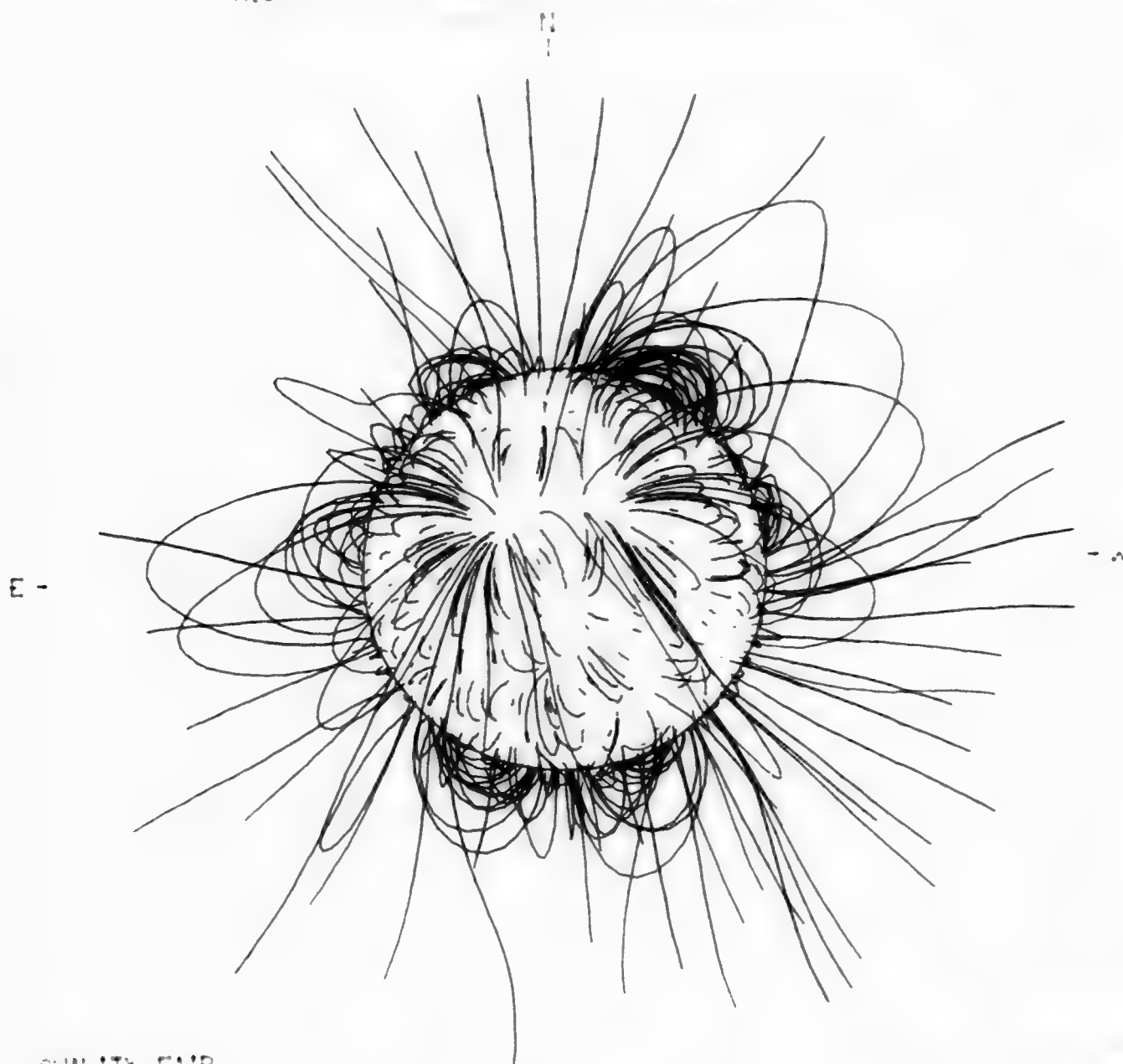
DATA WINDOW 1513.47

S

8.7. 15.4 10.6. 2.4

10.6 10.6 10.6

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

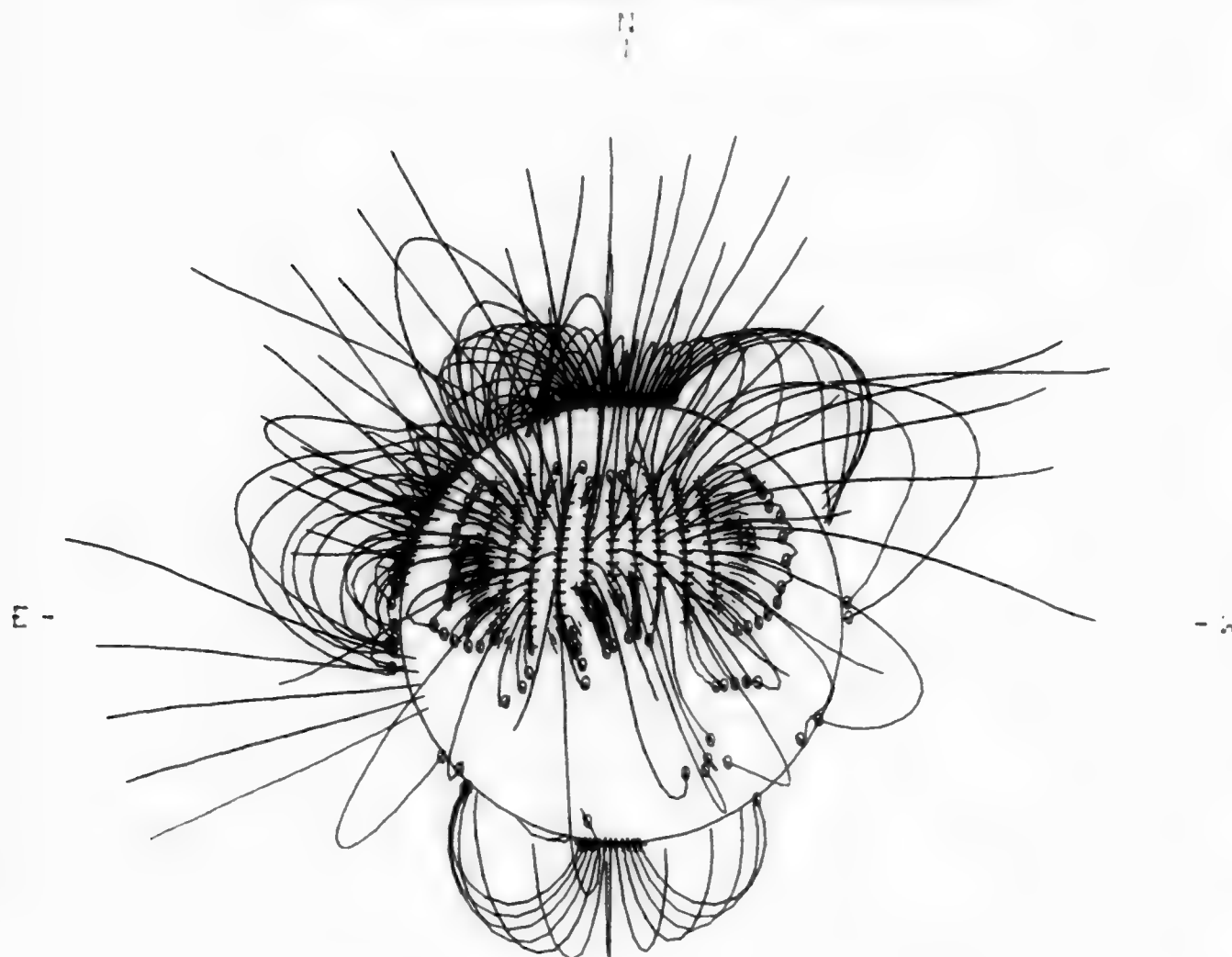
POLES AVERAGED

DATA WINDOW 1513.47

S

ROT. 15° 20' 28" 201°
11.3 101 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

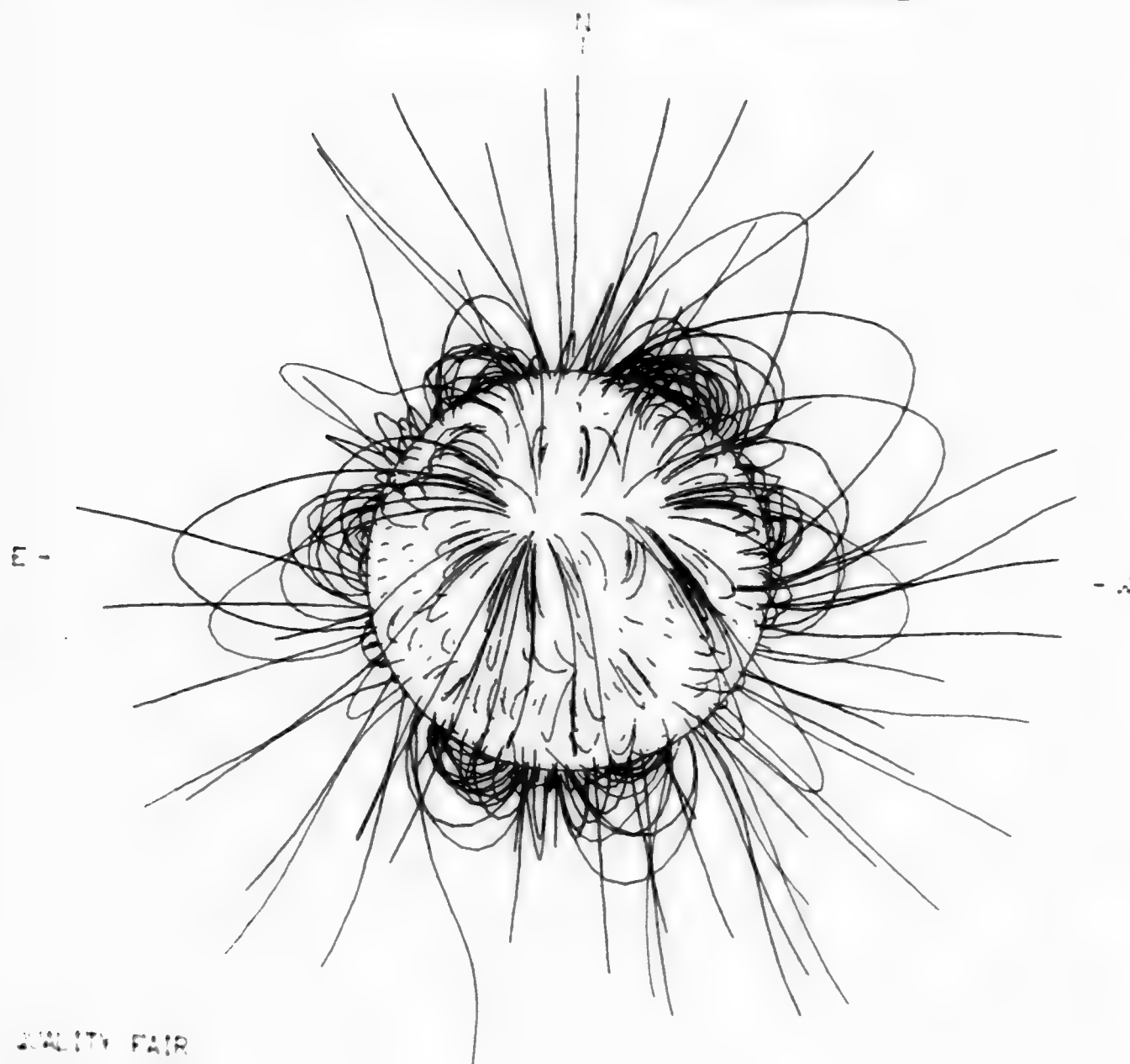
DATA WINDOW 1513.47

1
S

RCT. 1514 LONG. 281°

11.3 11.1 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

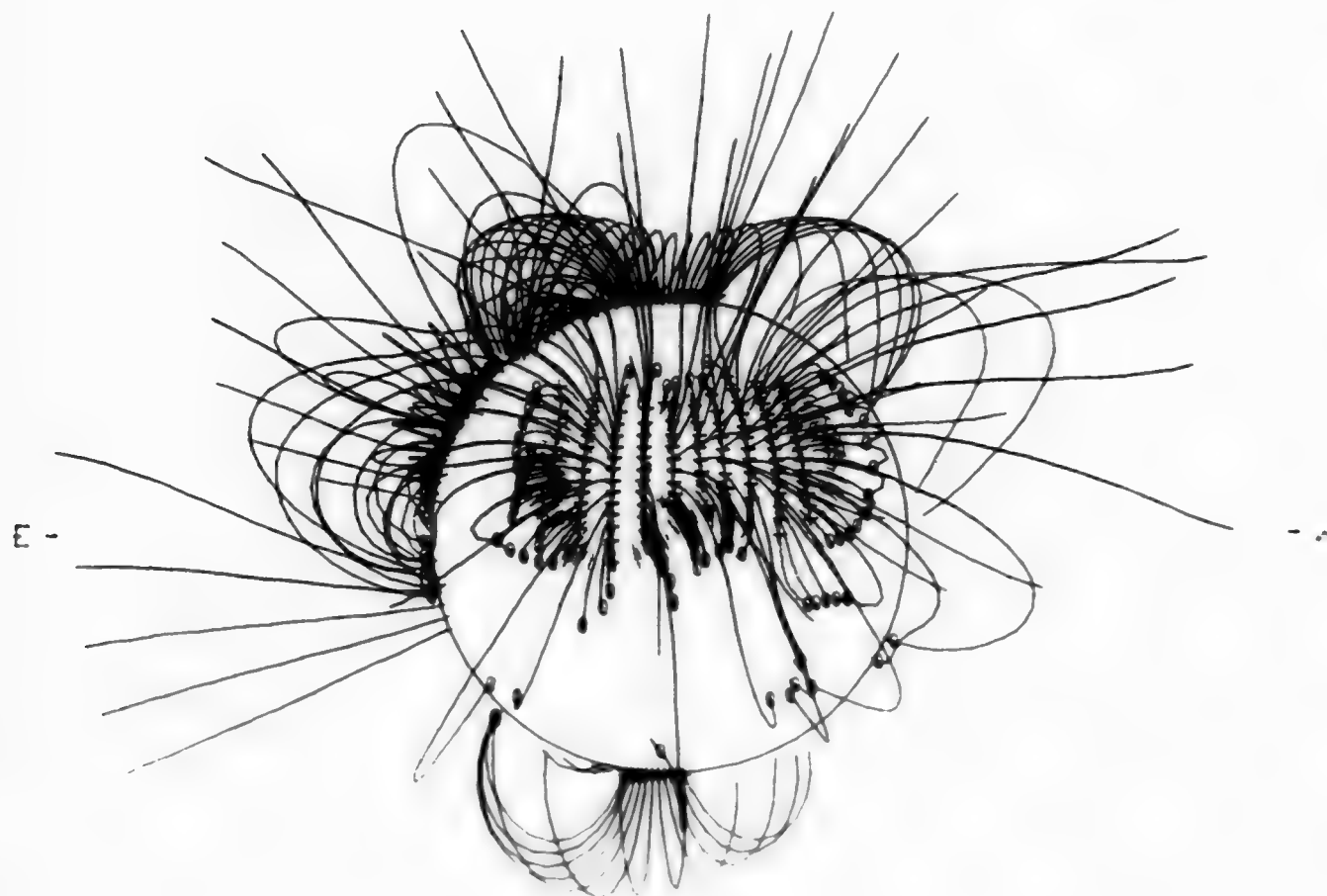
DATA JULY 15 1953, 27

1
S

ROT. 15.4 1.013. 270°

12.1 10.1 1955

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



J. A. 171 1414

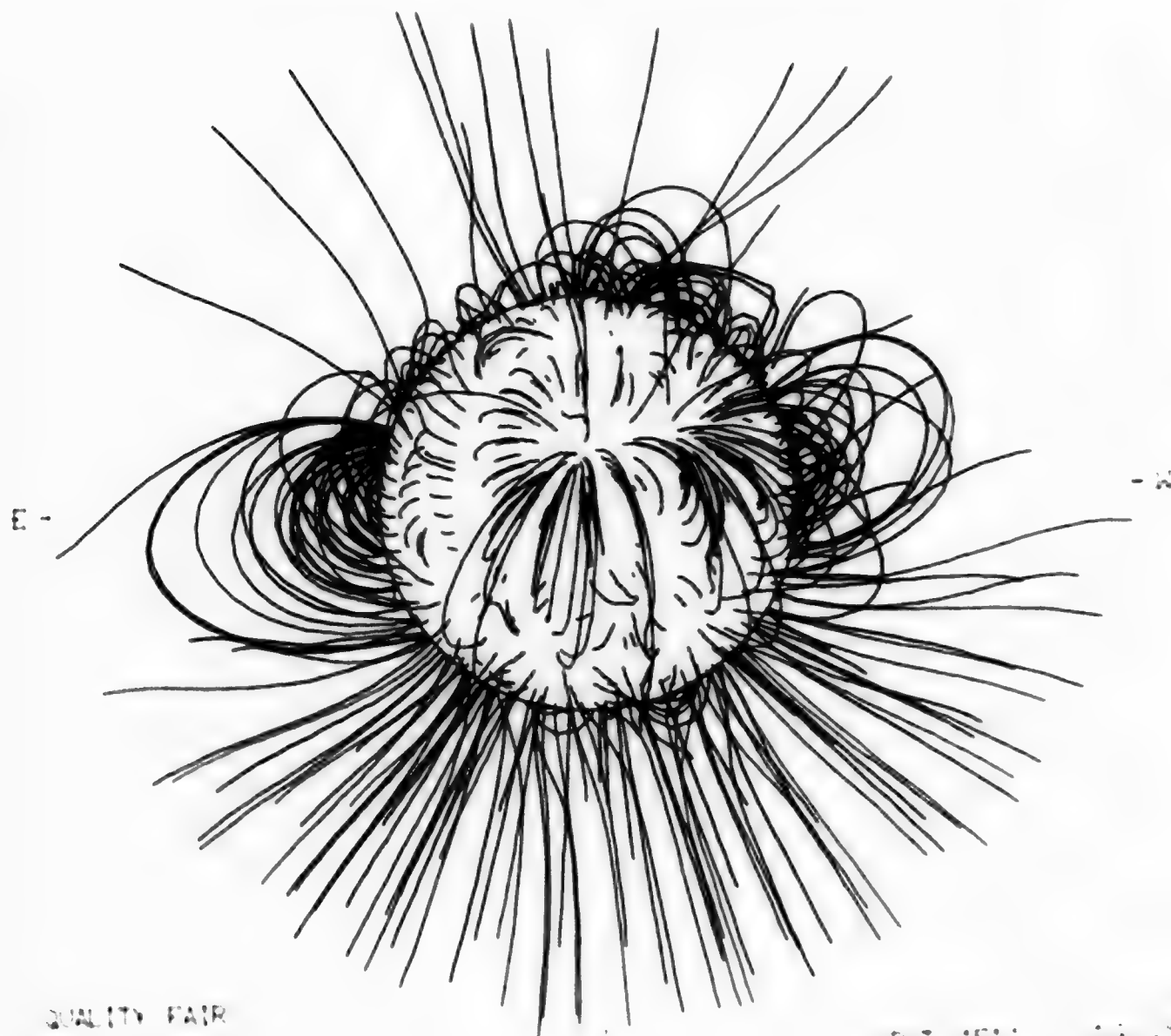
POLES AIRPAGE

CATA WILLOW 1913, 17

2.7. 1913 1.1.1.1.1.

1.1. 1.1. 1.1.1.

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



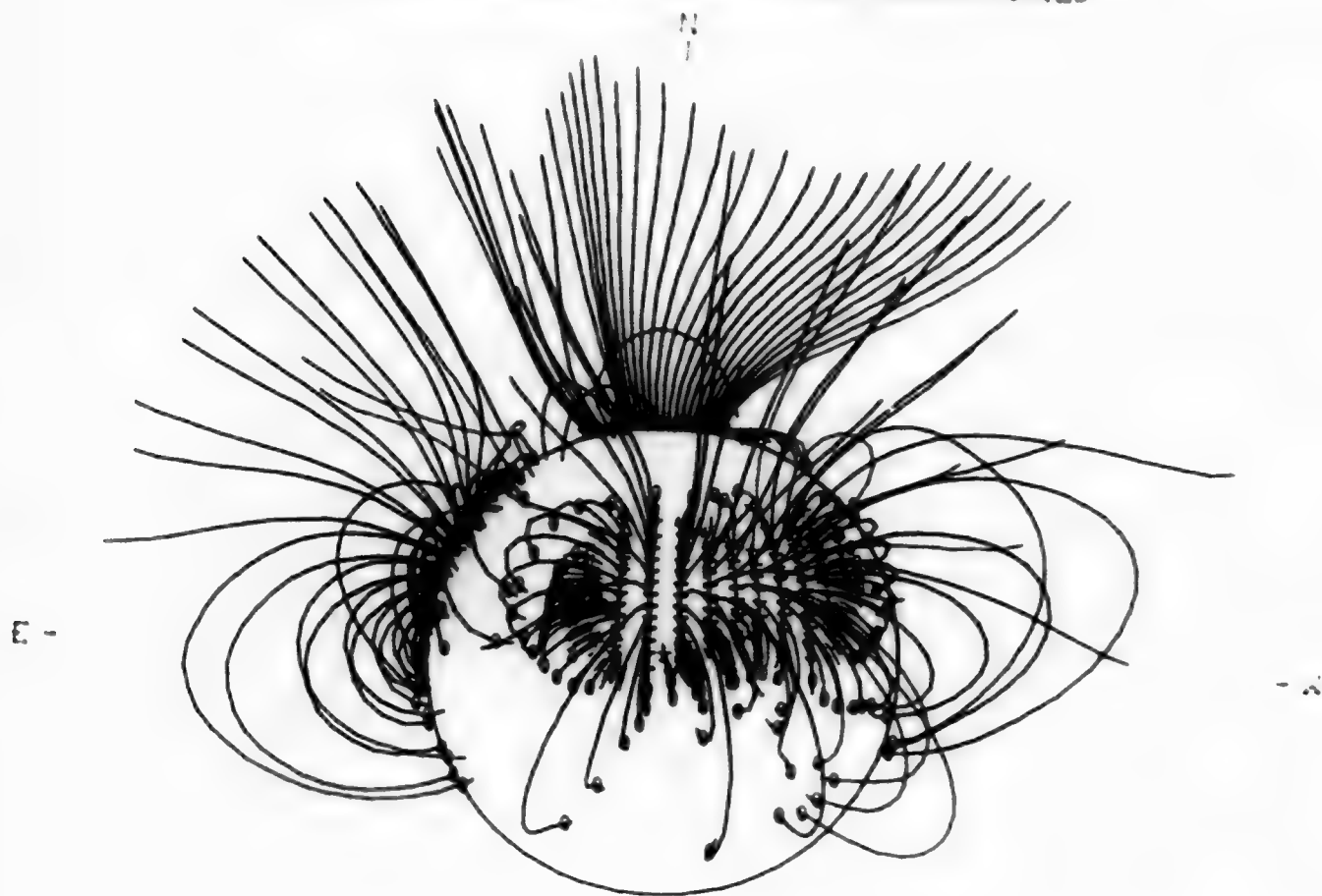
QUALITY FAIR

FILES AVERAGED

DATA WINDOW 1514.00

2.7. 1974 1.11. 1974
12. 11. 1974

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

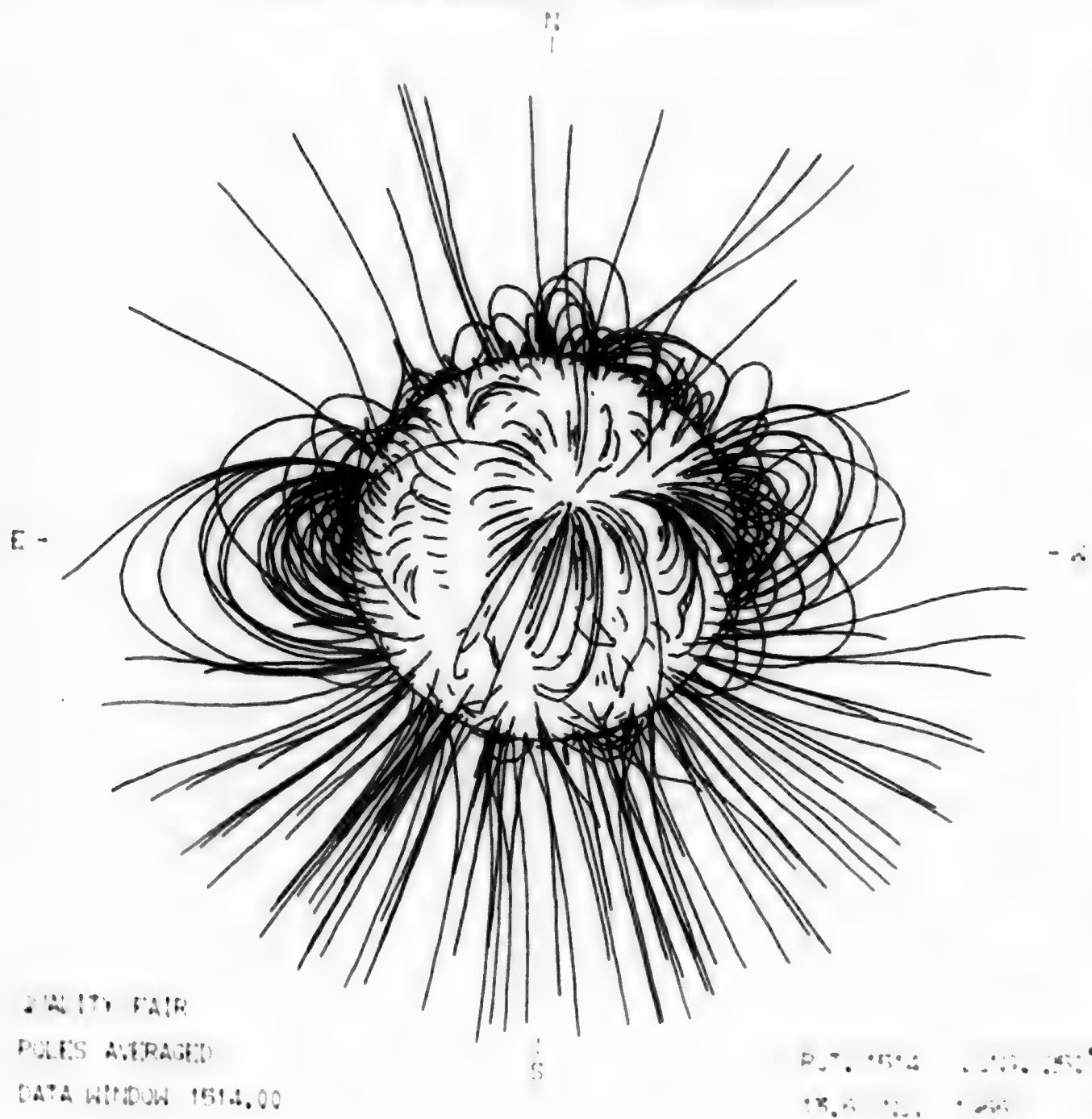


QUALITY FAIR
 PALES AVERAGE
 DATA WINDOW 1911.00

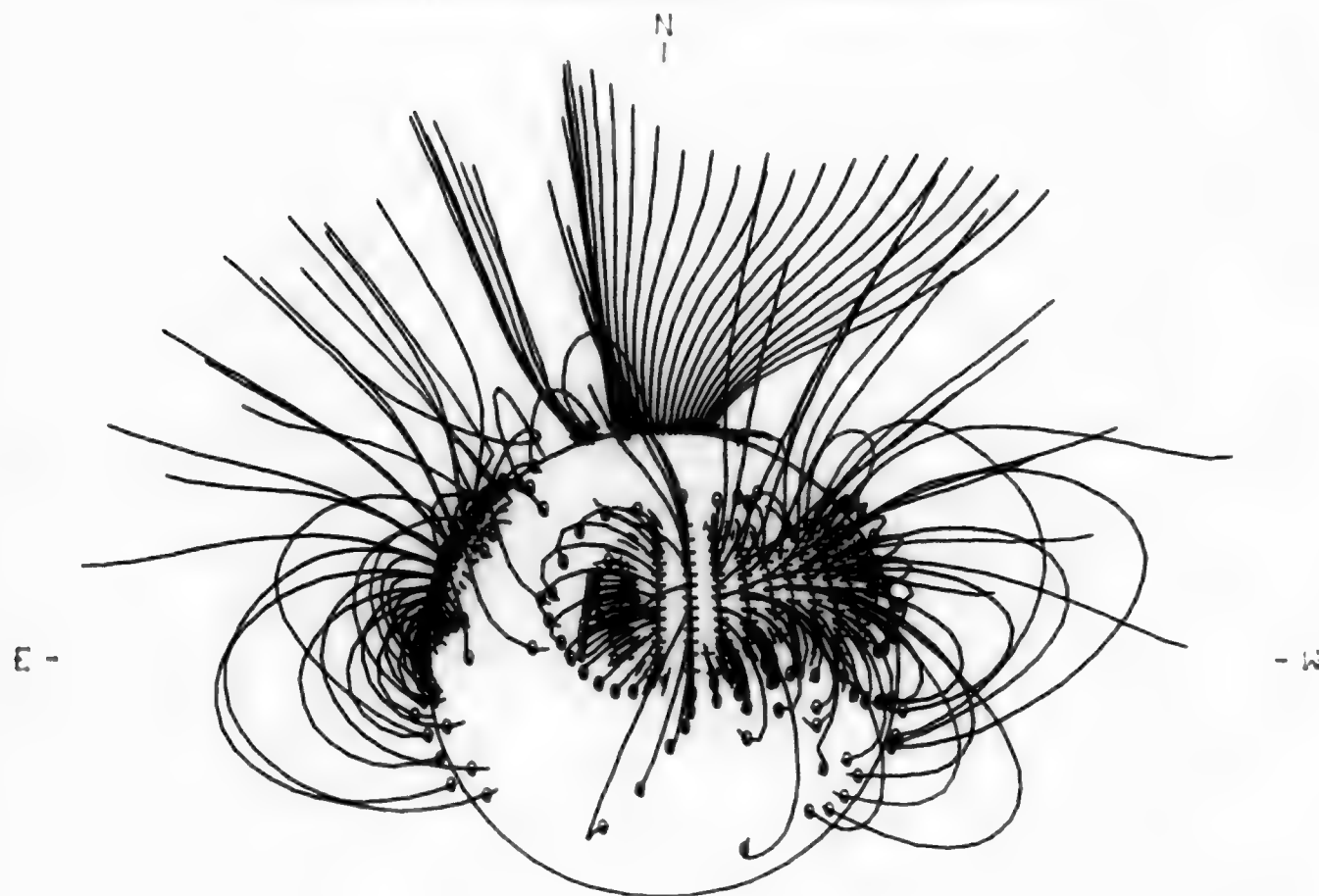
1
 S

REF. 1911 1911.00
 1911.00 1911.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

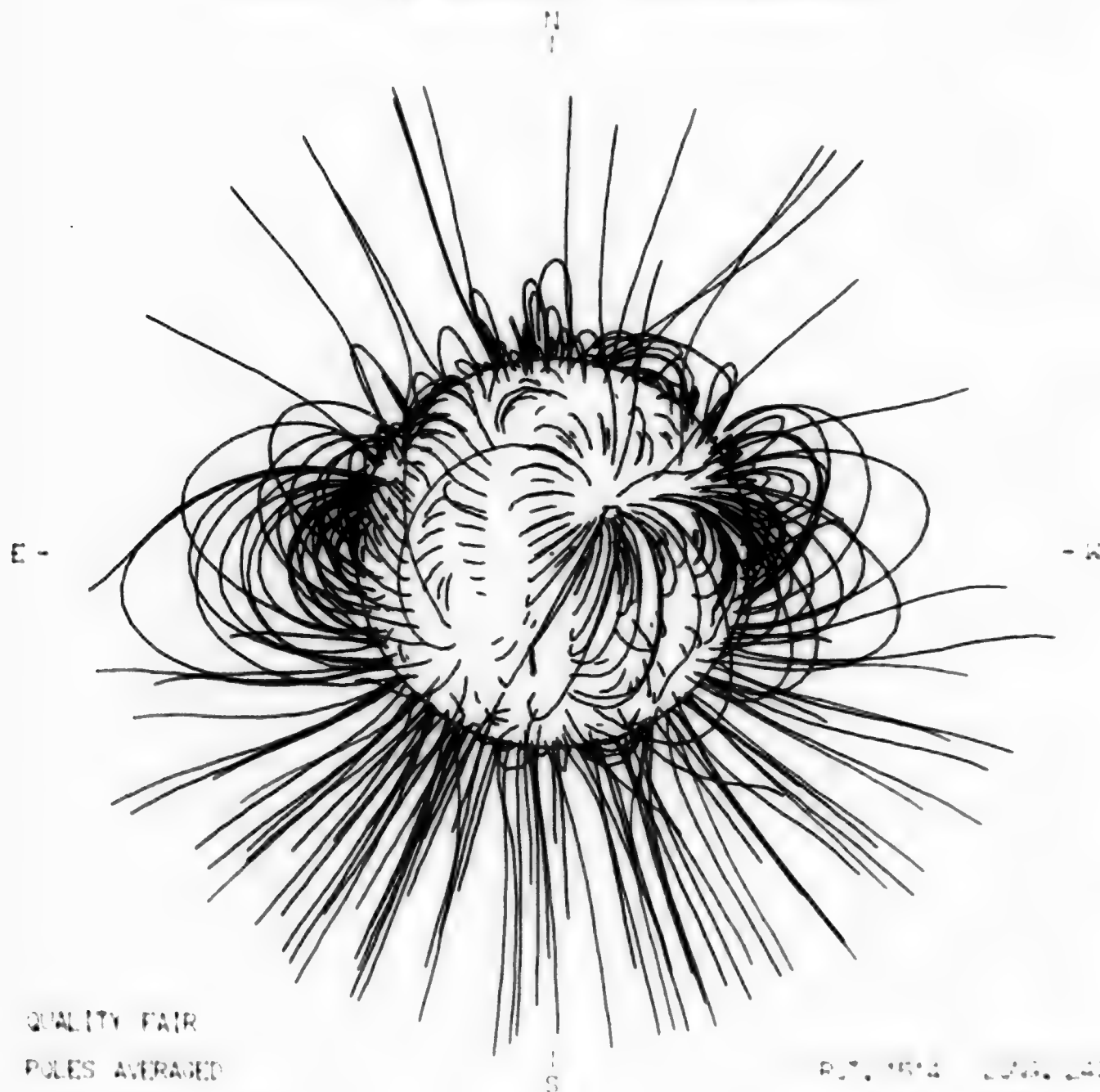
DATA WINDOW 1514.00

1
S

RCT. 1514 LON. 250°

15.6 10.1 1.255

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



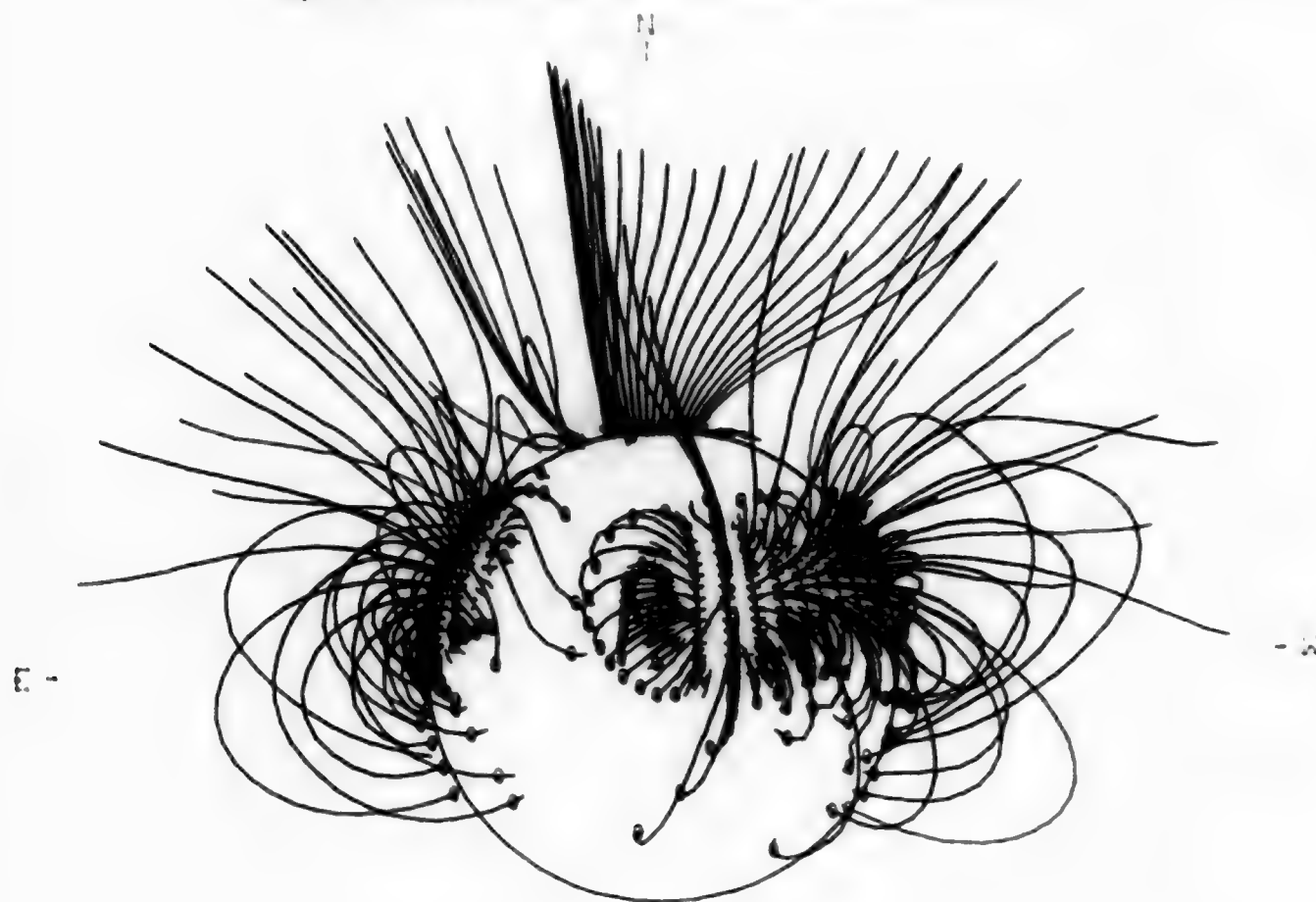
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1514.00

8.7.1974 10.00.00
10.00.00 10.00.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



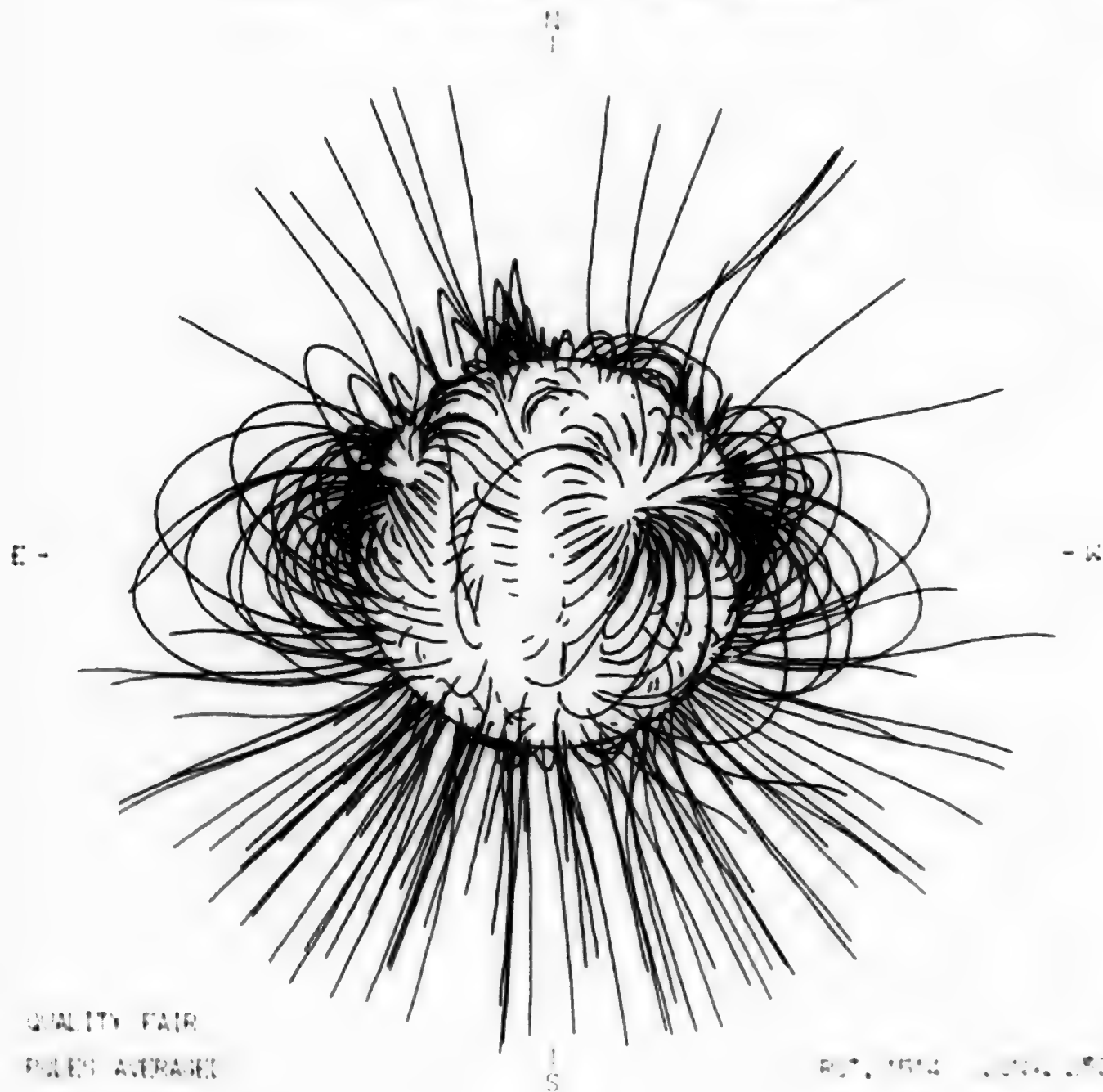
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1514.00

0.7. 0.12 0.01. 0.01
0.0. 0.0. 0.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

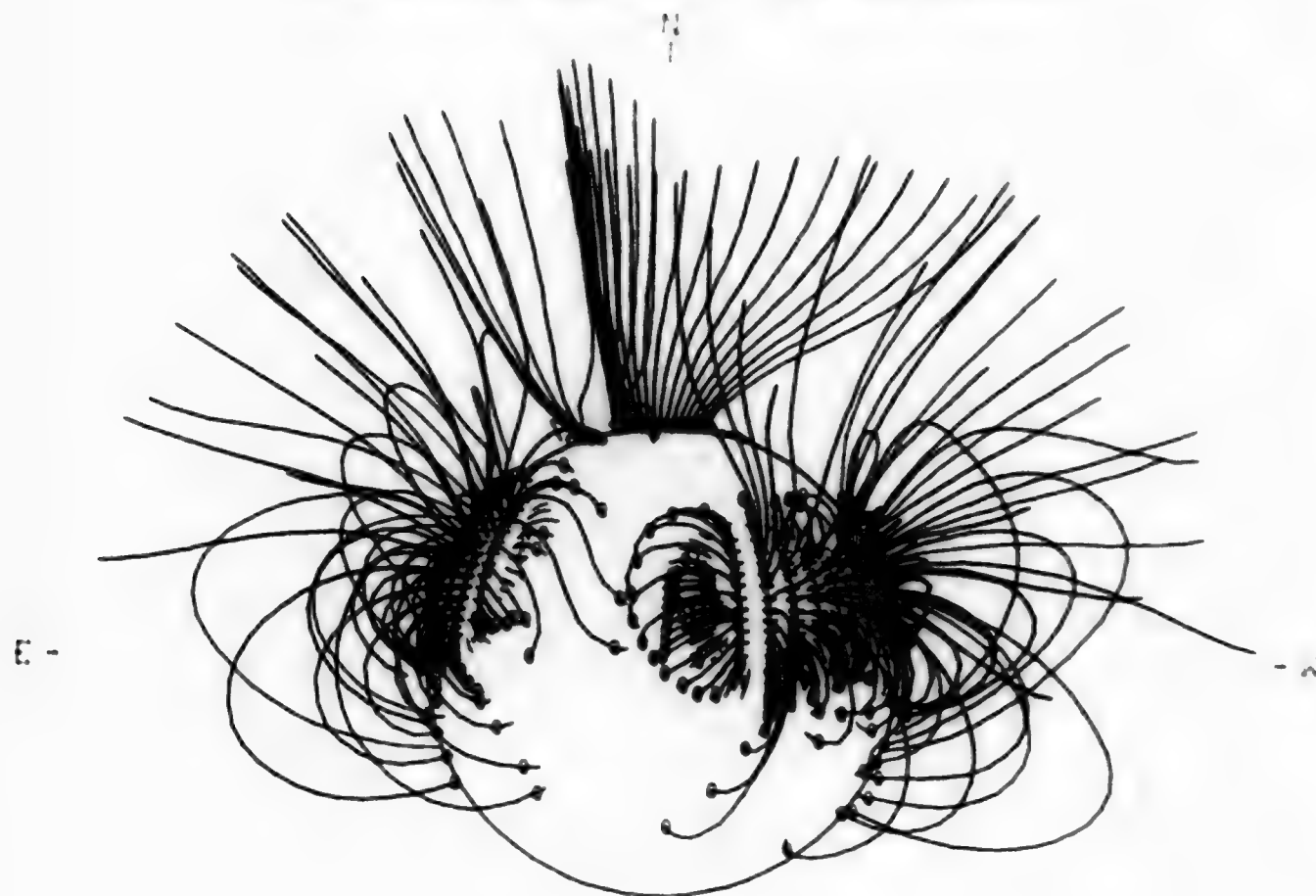
FILES AVERAGED

DATA WINDOW 1514.00

FILE 1514 1514.00

1514 1514.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

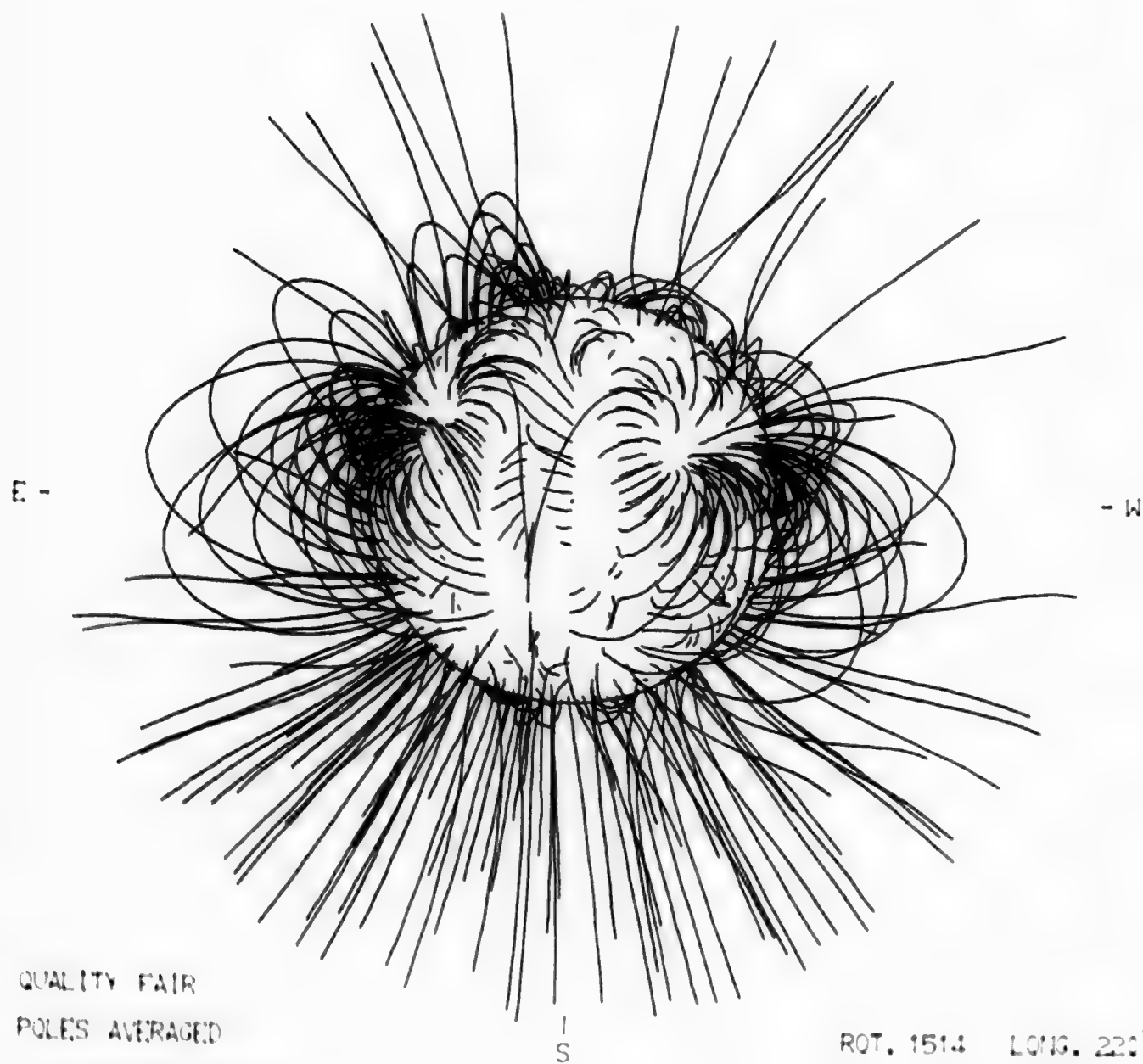
POLES AVERAGED

DATA WINDOW 1514.00

REF. 1514 1515.251
15.1 15.1 15.1

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
I



QUALITY FAIR

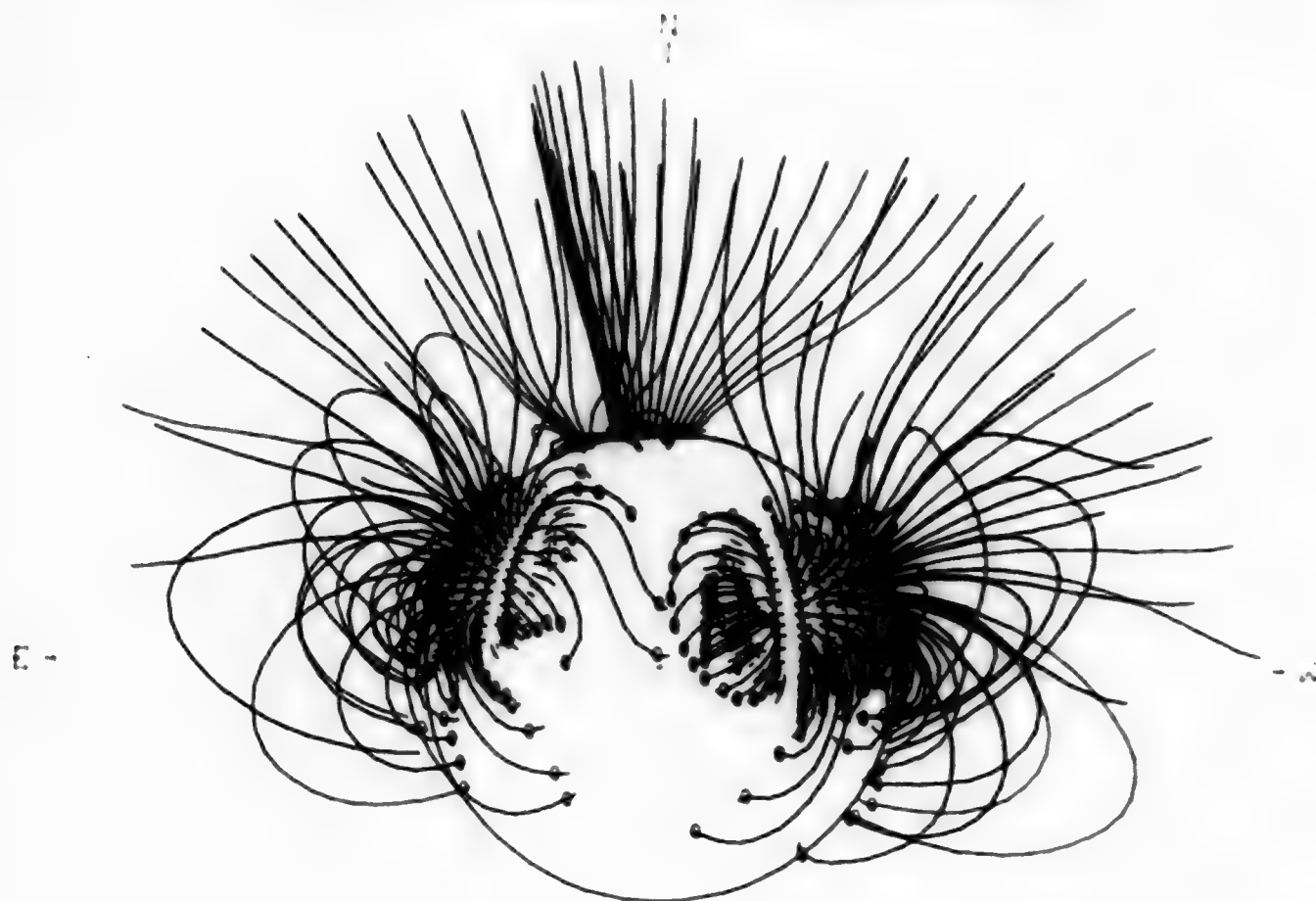
POLES AVERAGED

DATA WINDOW 1514.00

ROT. 1514 LONG. 220°

15.9 NOV 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



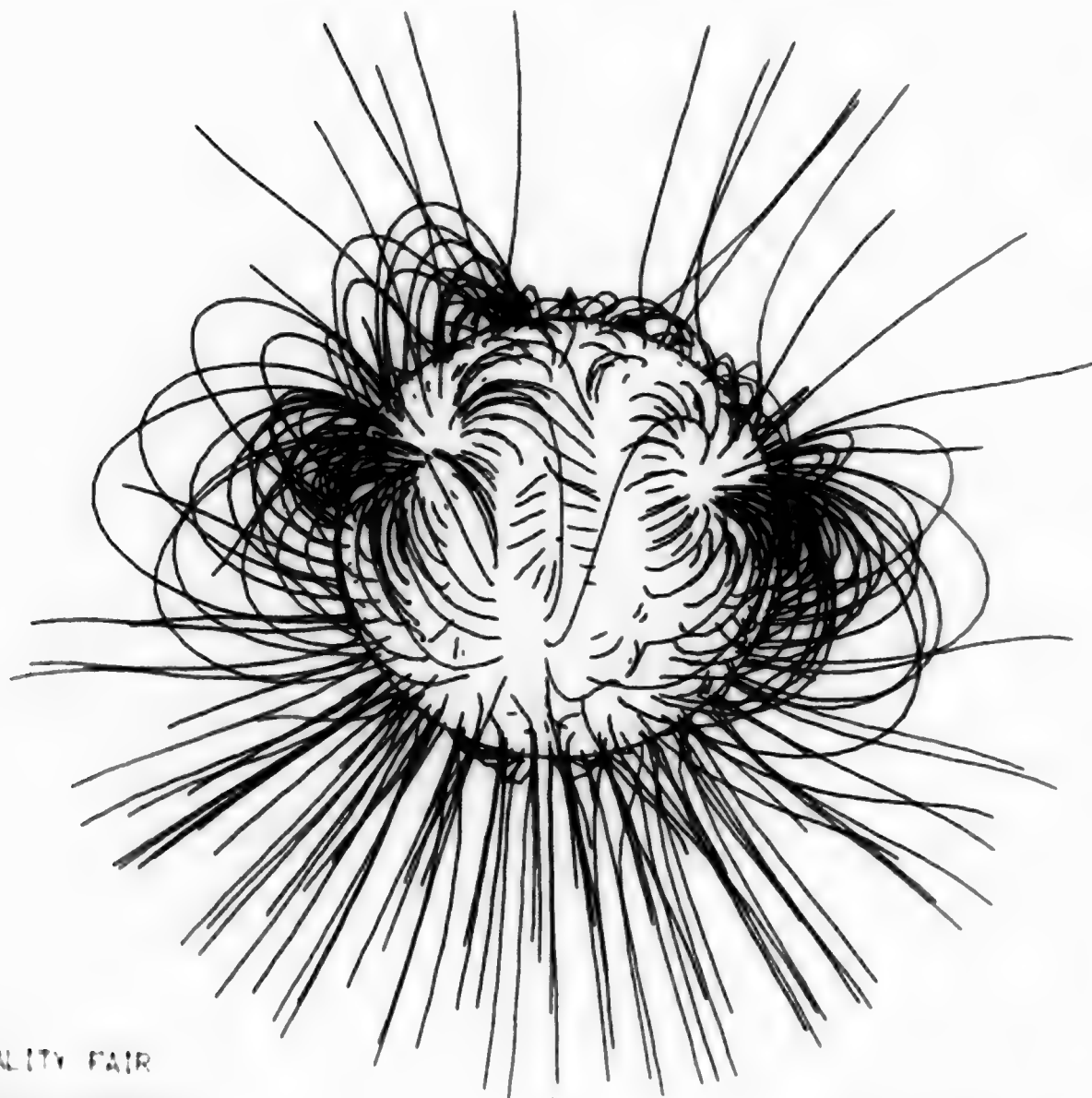
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1514.00

1514.00 1514.00 1514.00
1514.00 1514.00 1514.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

- 2

QUALITY FAIR

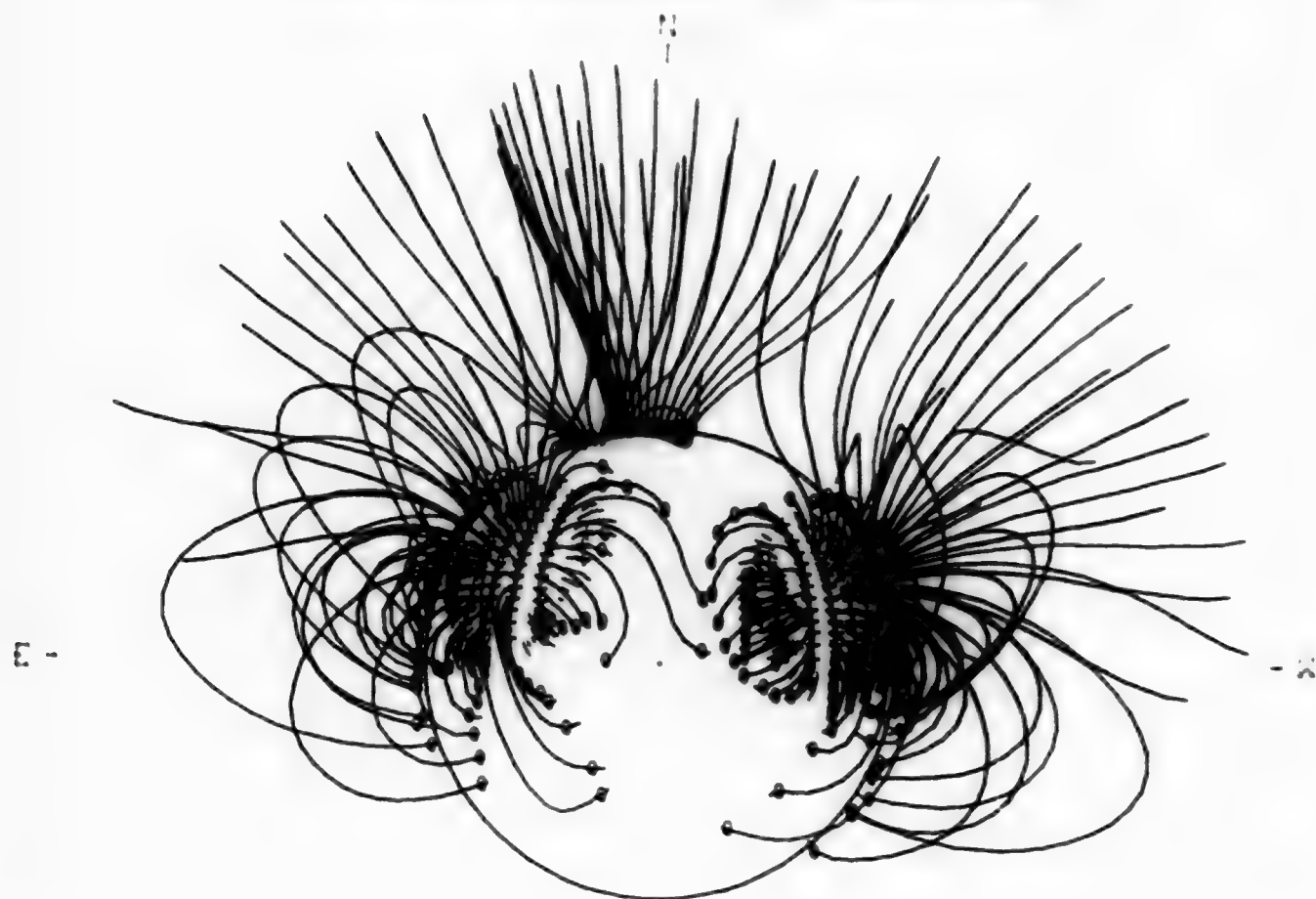
POLES AVERAGED

DATA WINDOW 1514.00

RJ. 1514 1000.00

15.6 NOV 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

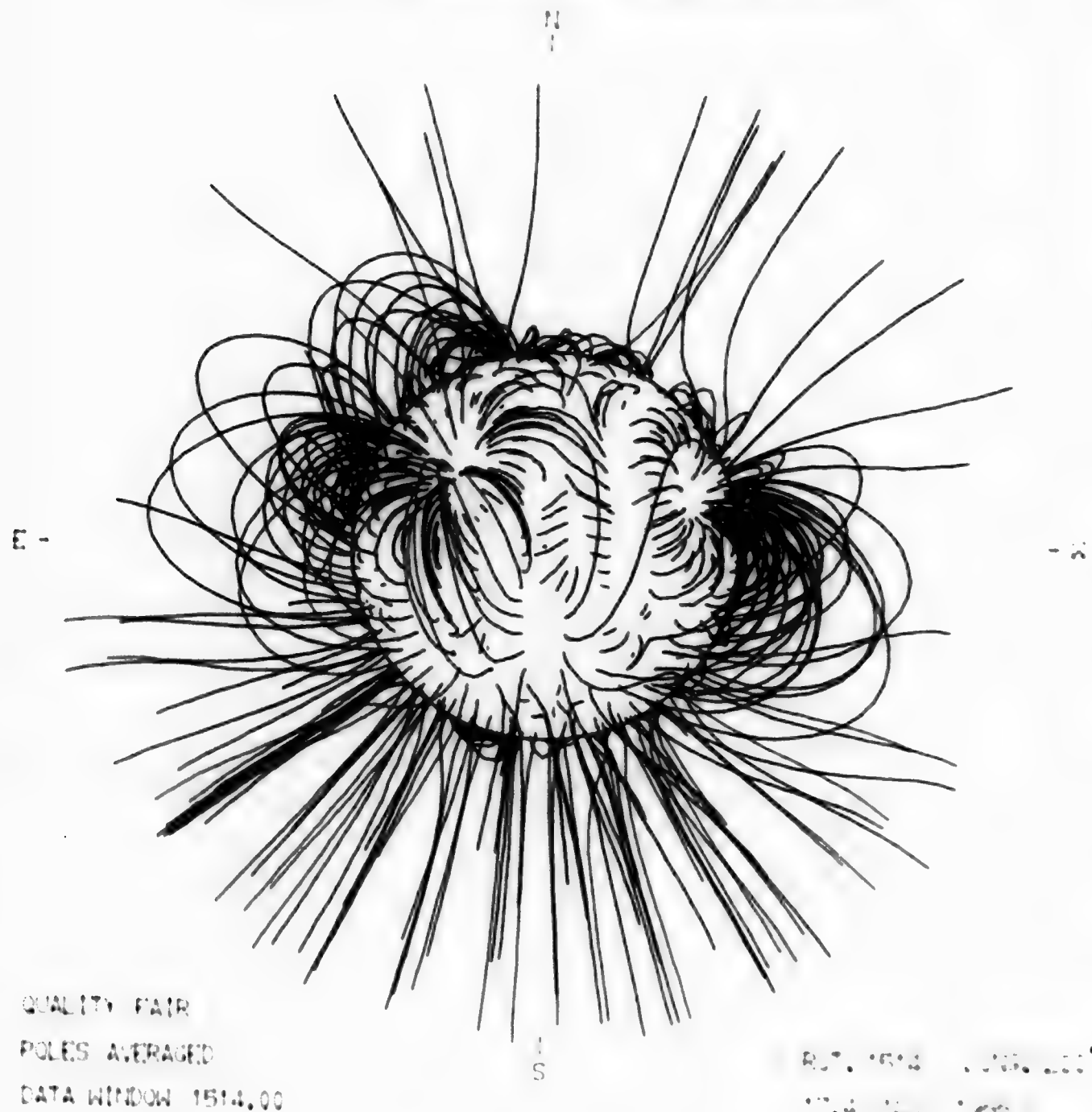
POLES AVERAGED

DATA WINDOW 1514.00

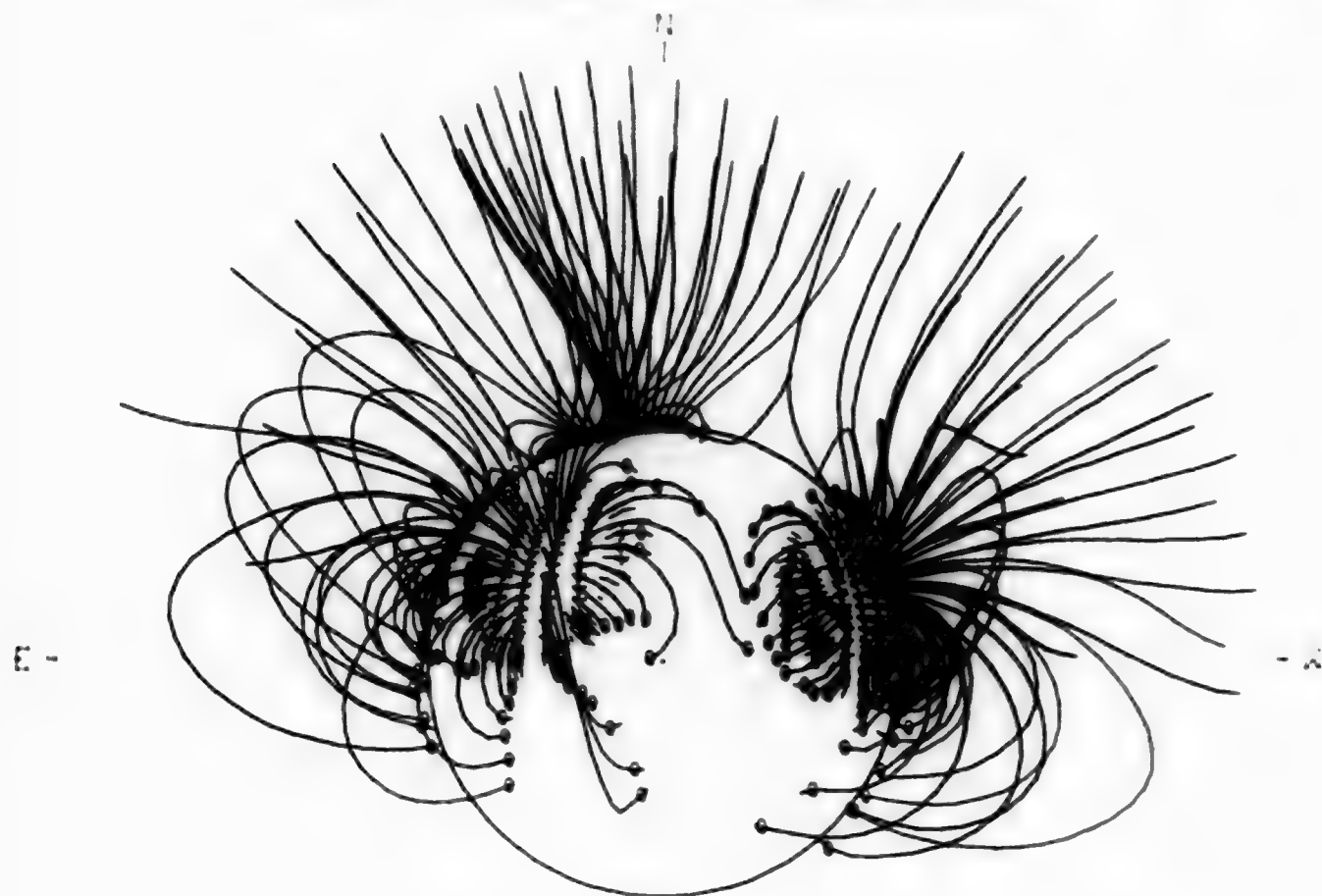
1
S

8.7. 1514 1.10. 200°
15.5 10. 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

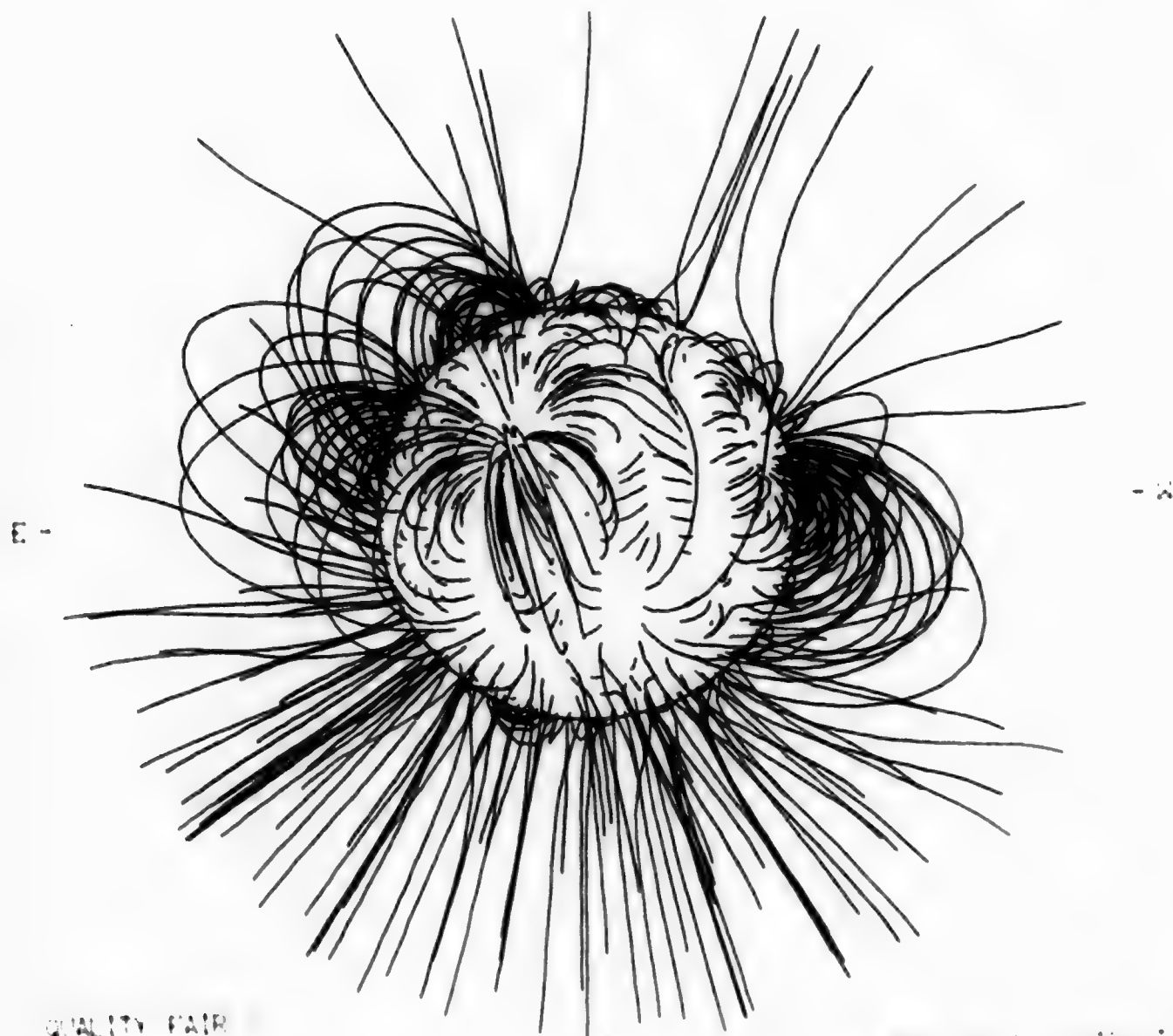
DATA WINDOW 1514.00

5

EST. 1514 100.000

1514 100.000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



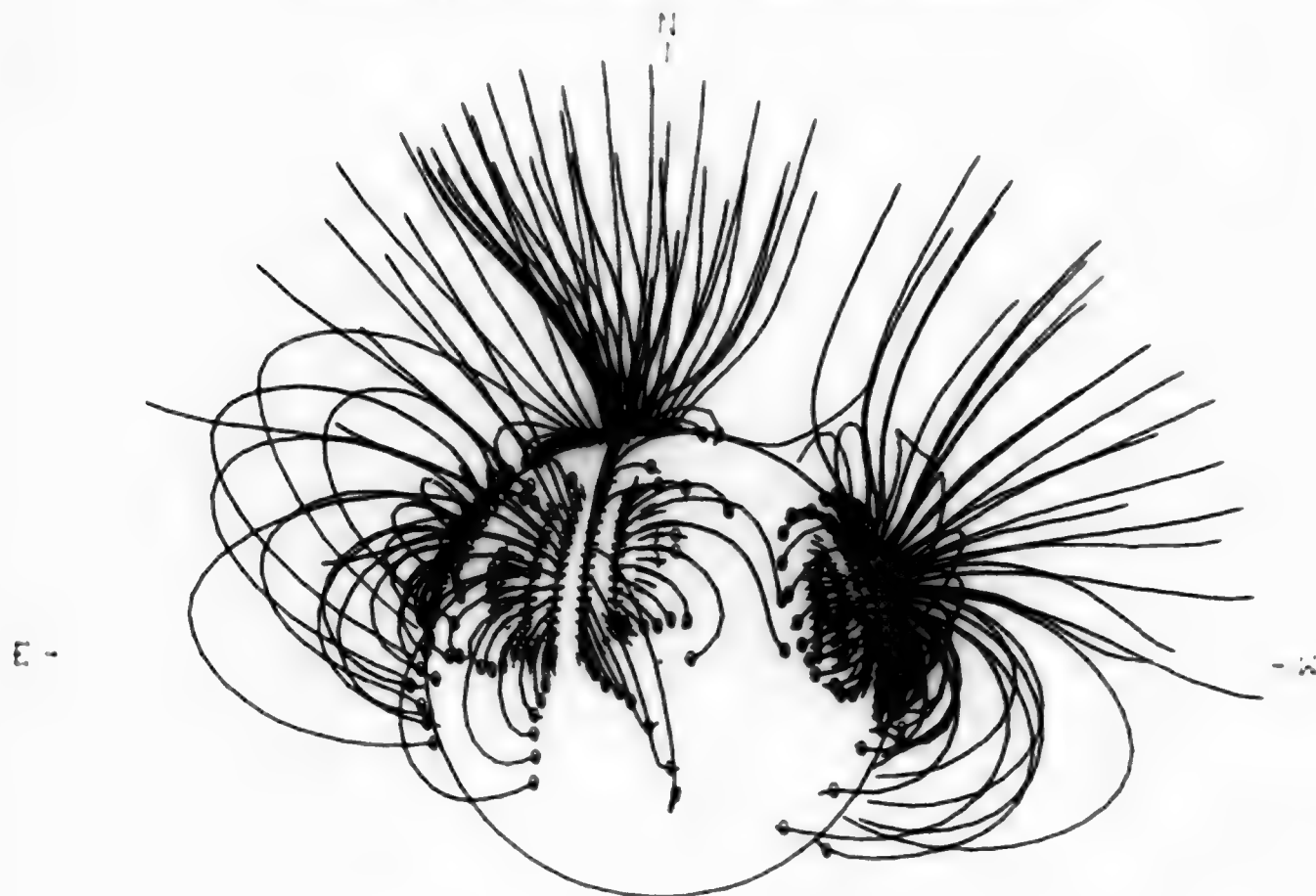
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1514.00

RT. 1514 1000.00
1514 1000.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

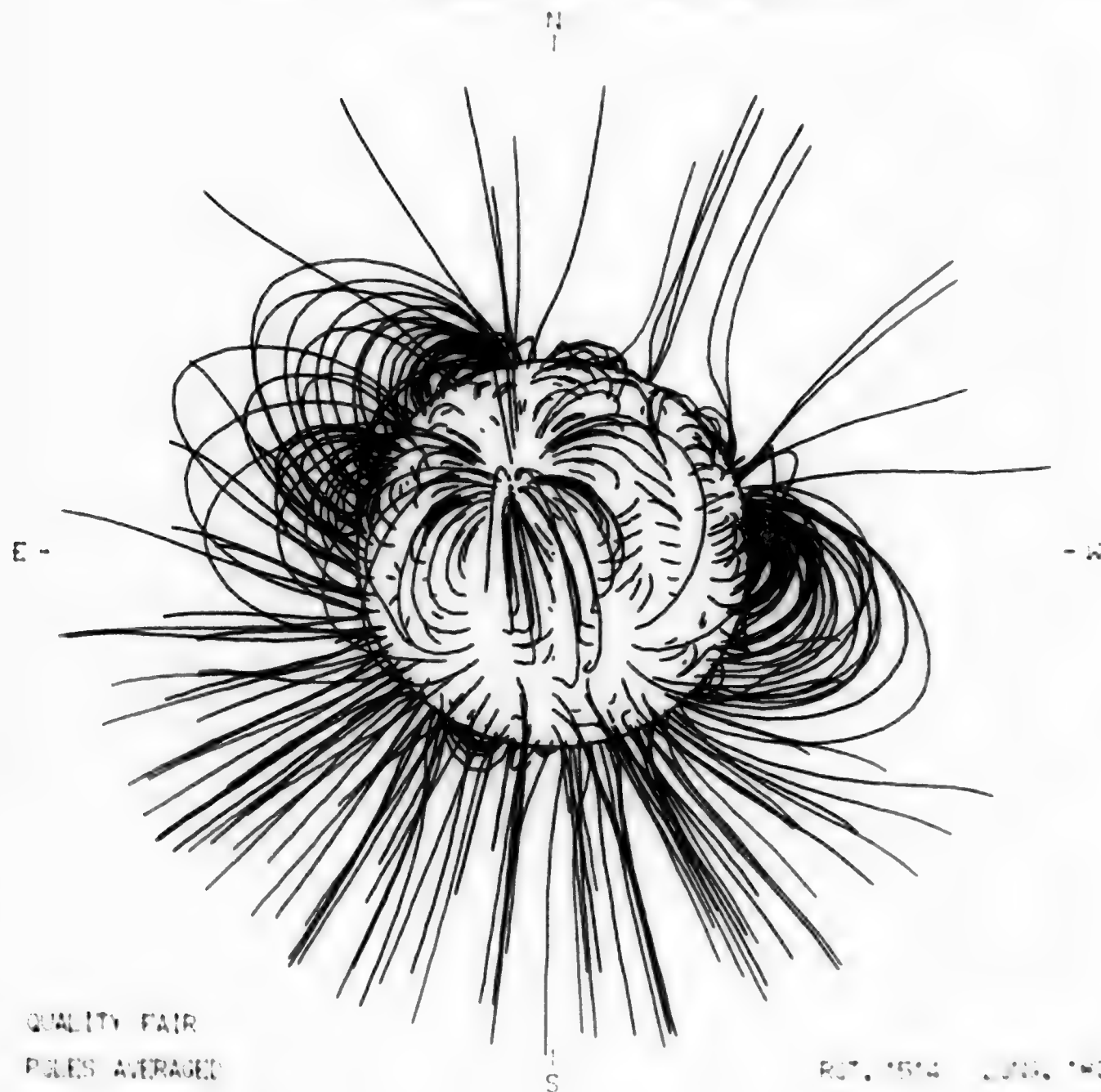
DATA WITHIN 1513.00

S

OUT. 1513.000. 1513.000

1513.000. 1513.000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

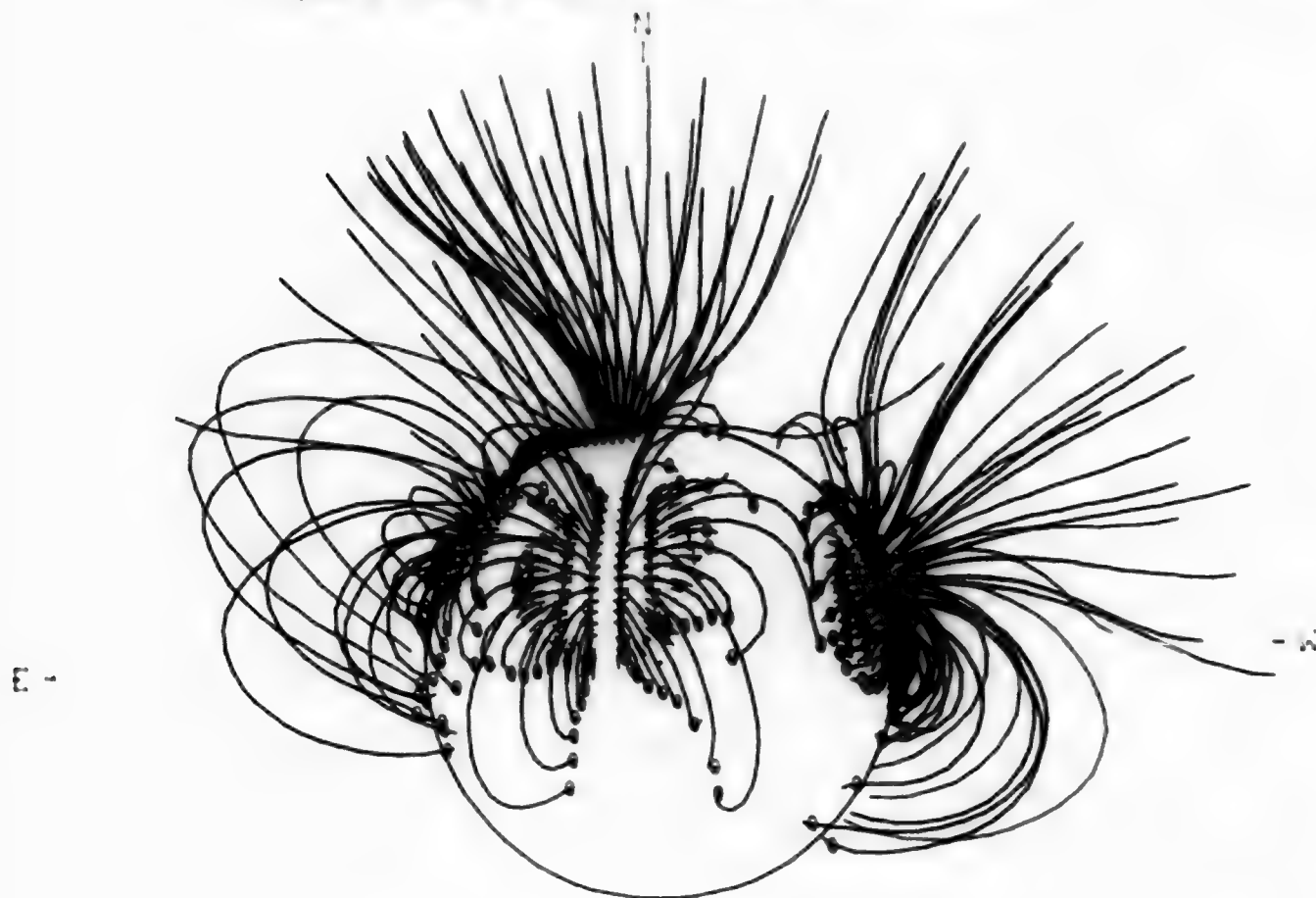
POLES AVERAGED

DATA WINDOW 1514.00

ROT. 15.2 100.0 100.0

18.4 100.0 100.0

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



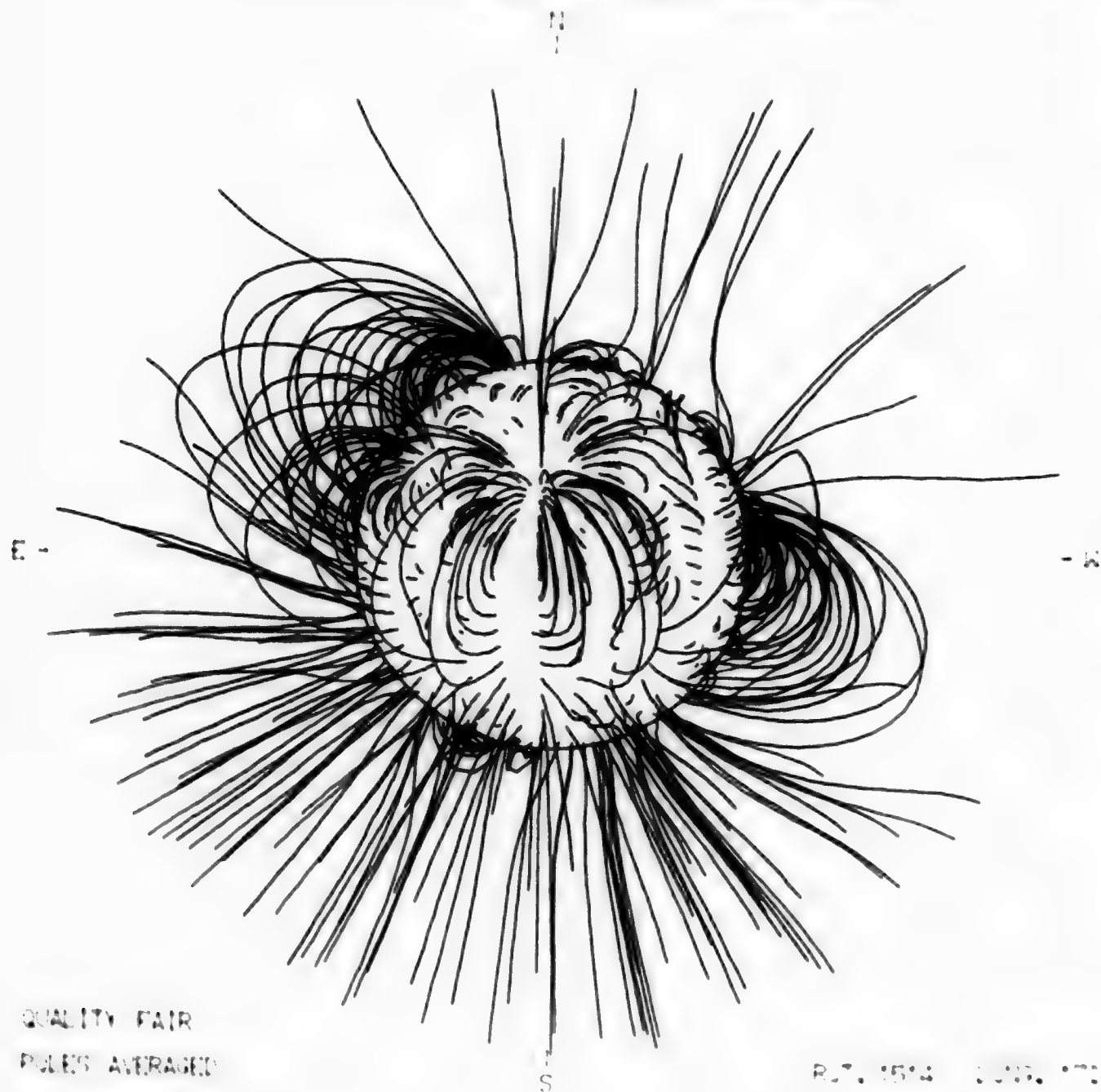
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1514.00

0.7 0.8 0.9 1.0
1.1 1.2 1.3 1.4

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

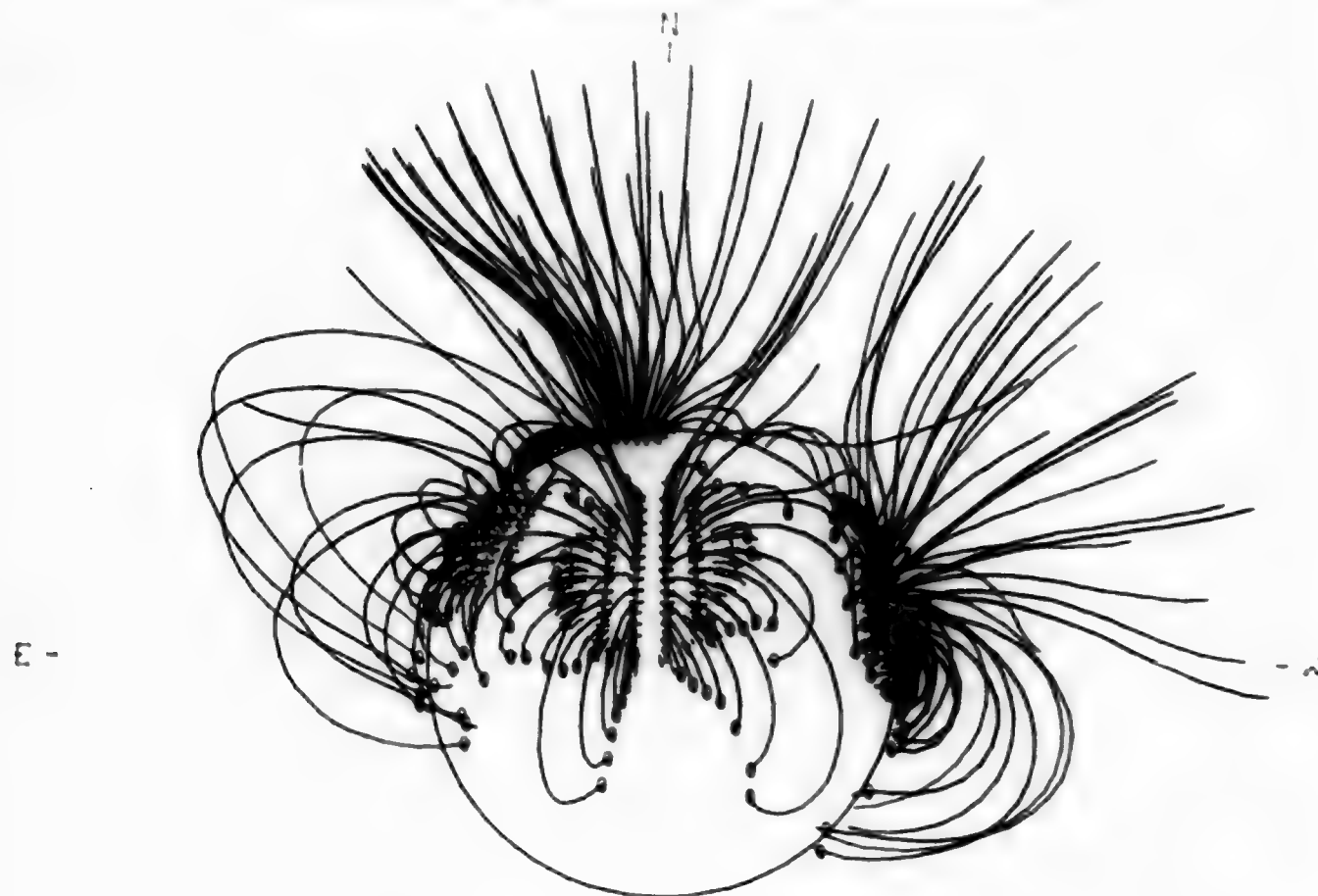
POL'S AVERAGED

DATA WINDOW 1511.00

R.T. 15:14 1000.00°

10.7 100 100

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

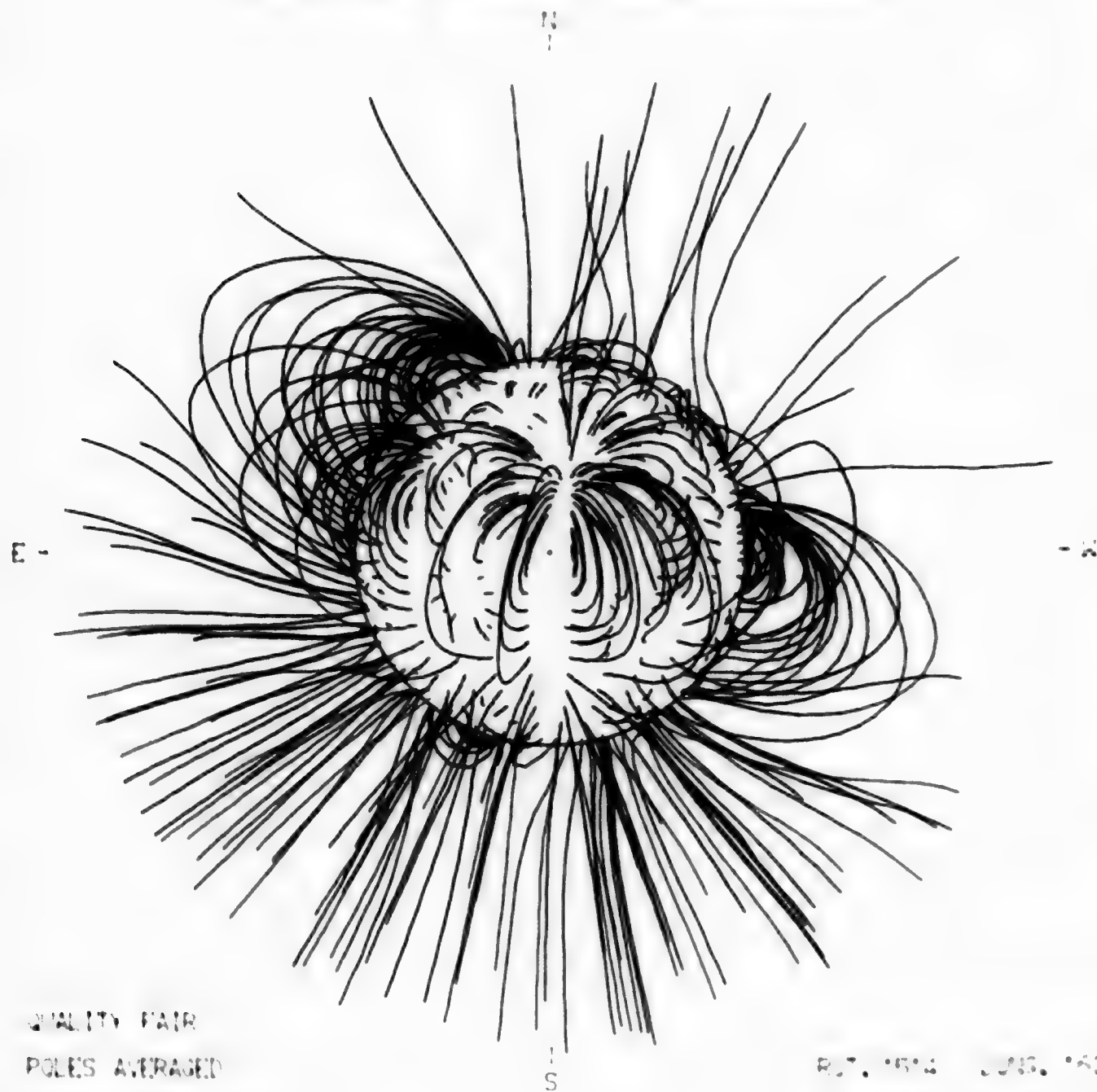
PULSES AVERAGED

DATA WINDOW 1514.00

S

REF. 1514.00 1514.00
1514.00 1514.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

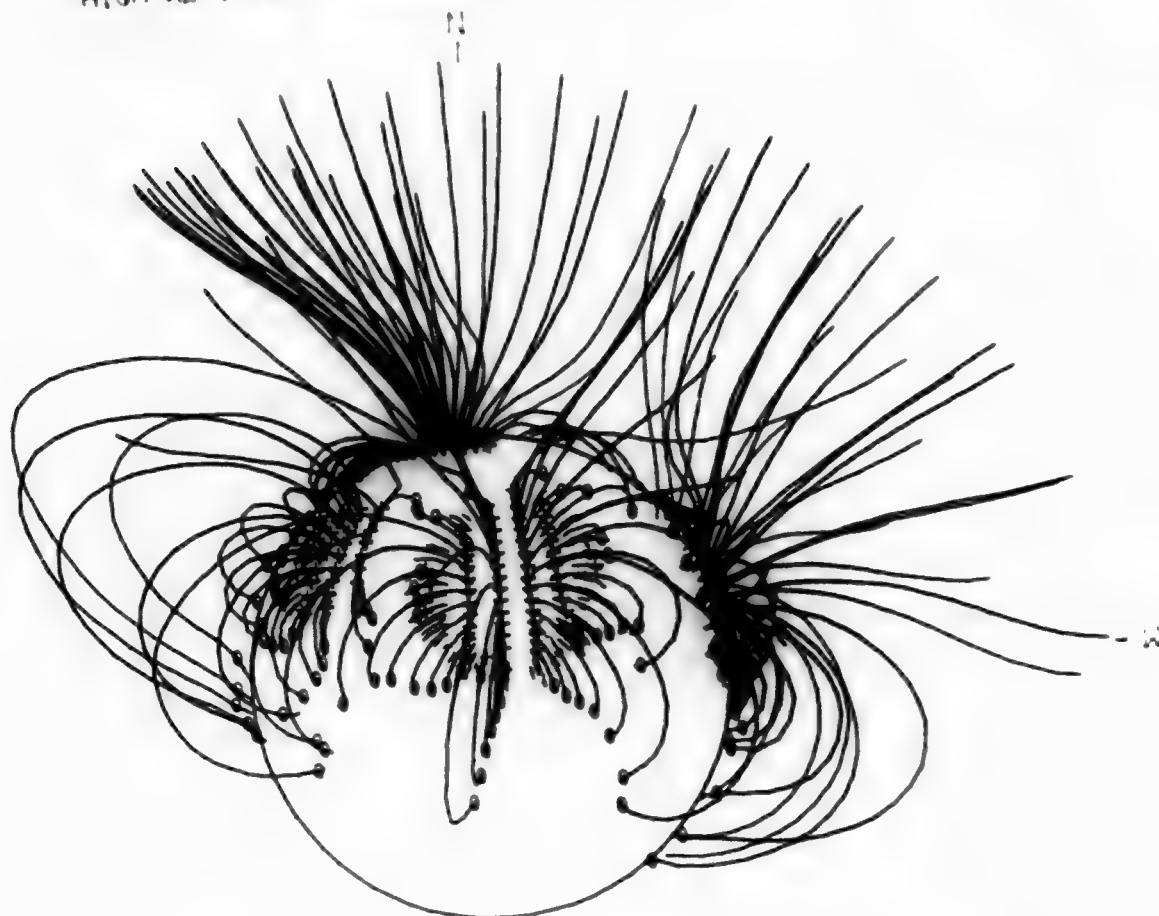
POLES AVERAGED

DATA WINDOW 1514.00

RT. 1514 1010. 1514

1014 1514 1514

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

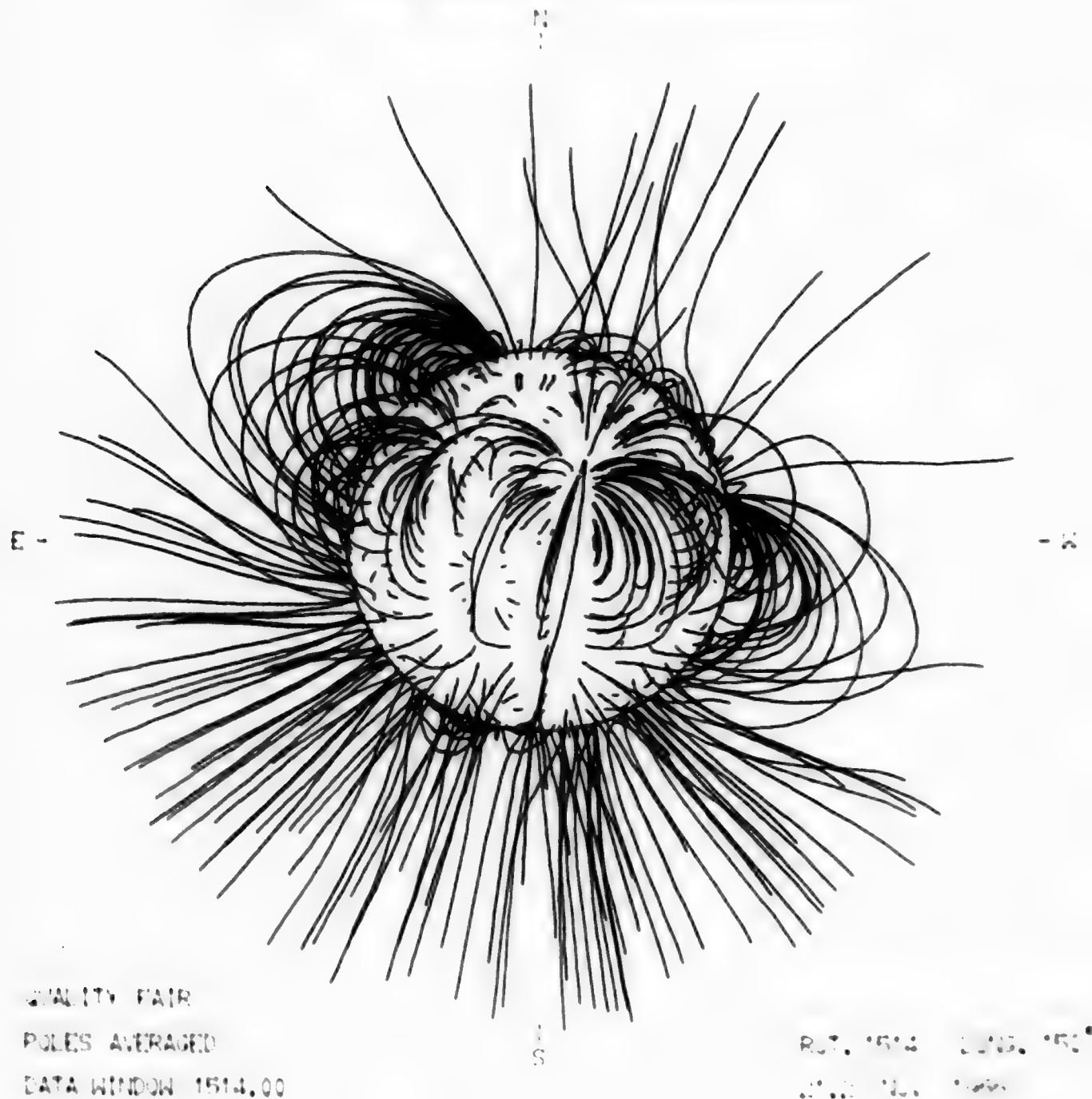
QUALITY FAIR

FILES AVERAGED

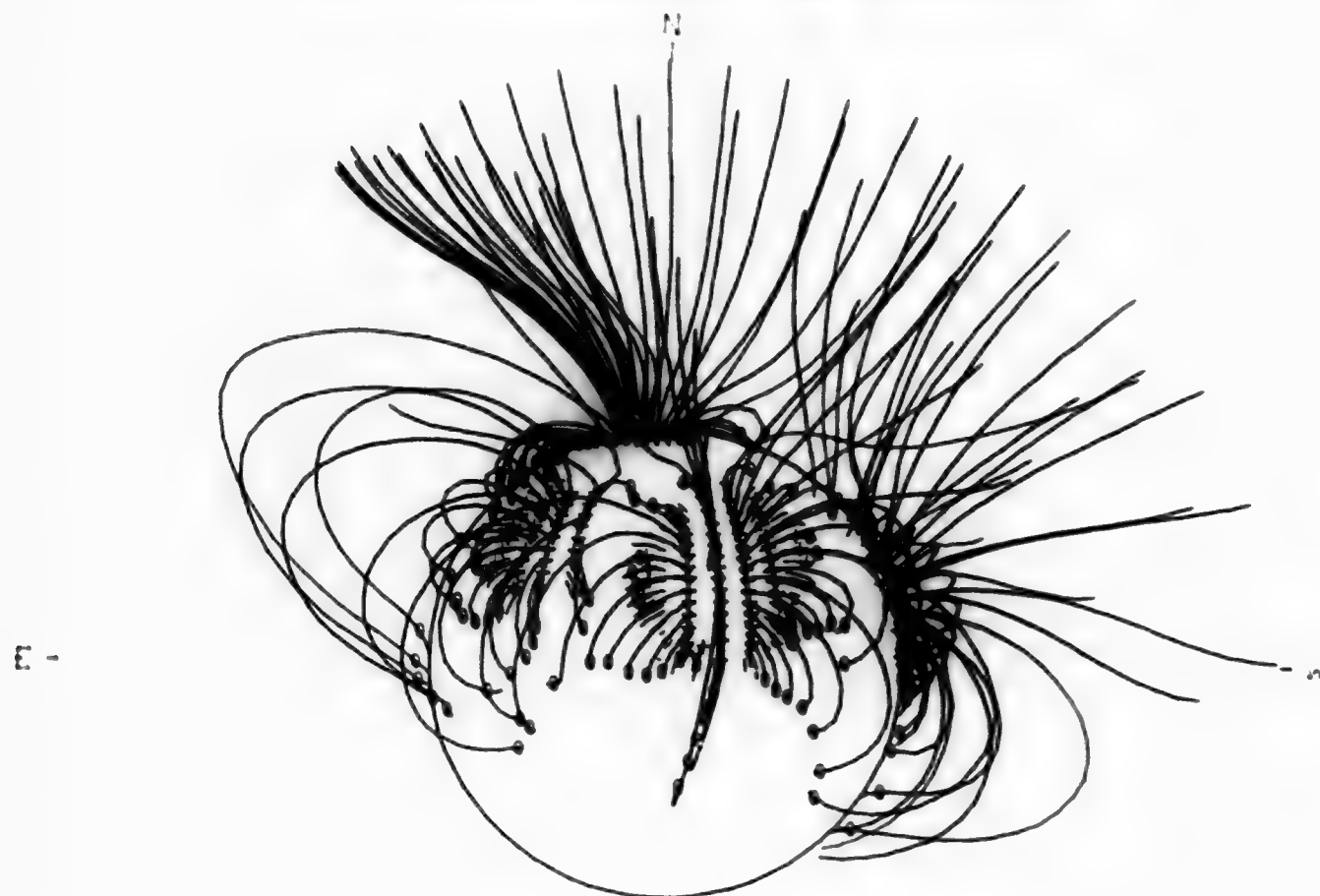
DATA BEGIN 1914.00

2.7. 1914 1915. 1916.
1917. 1918. 1919.

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

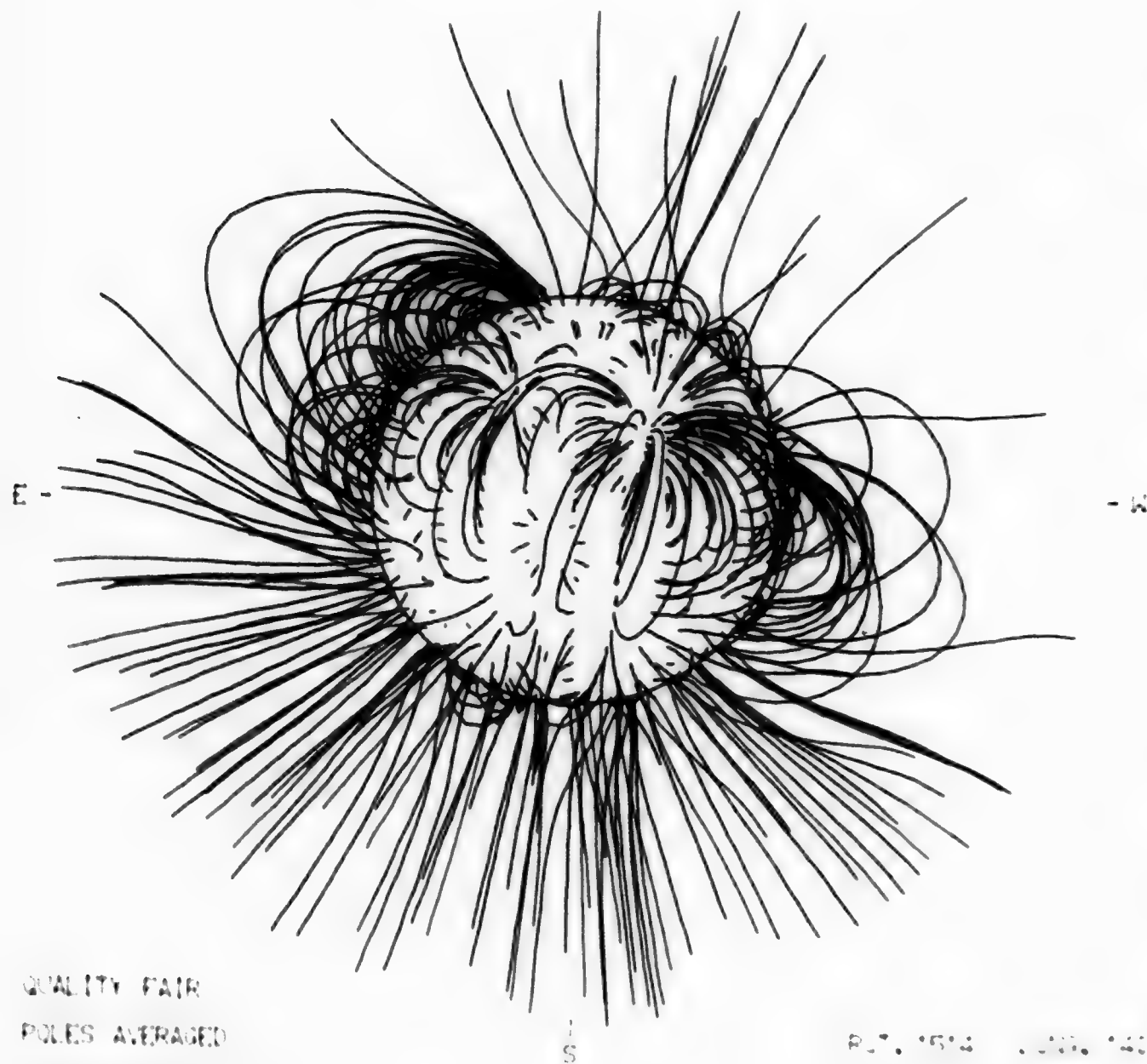
DATA WINDOW 1514.00

1
5

PLT. 1514 1514.00

21.2 1514.00

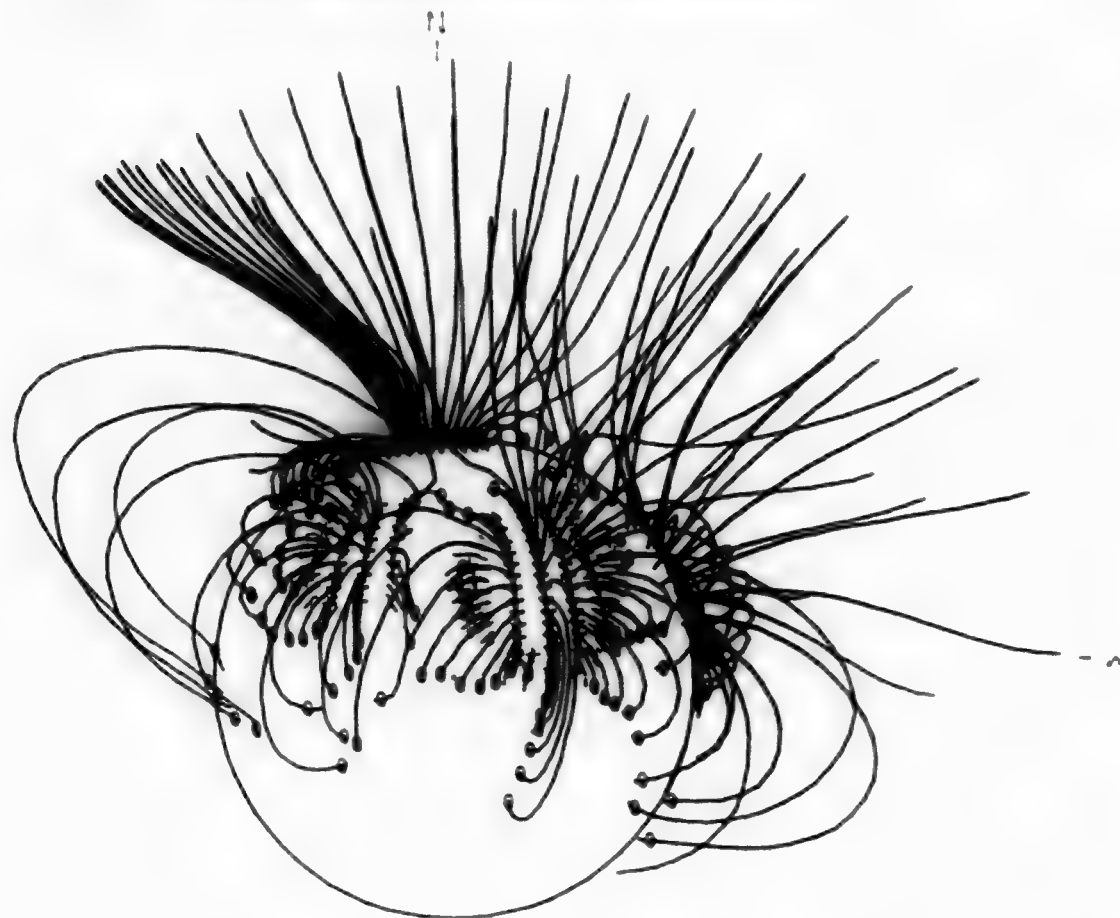
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1514.00

R.T. 1514 100.140°
 100.140° 100.140°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

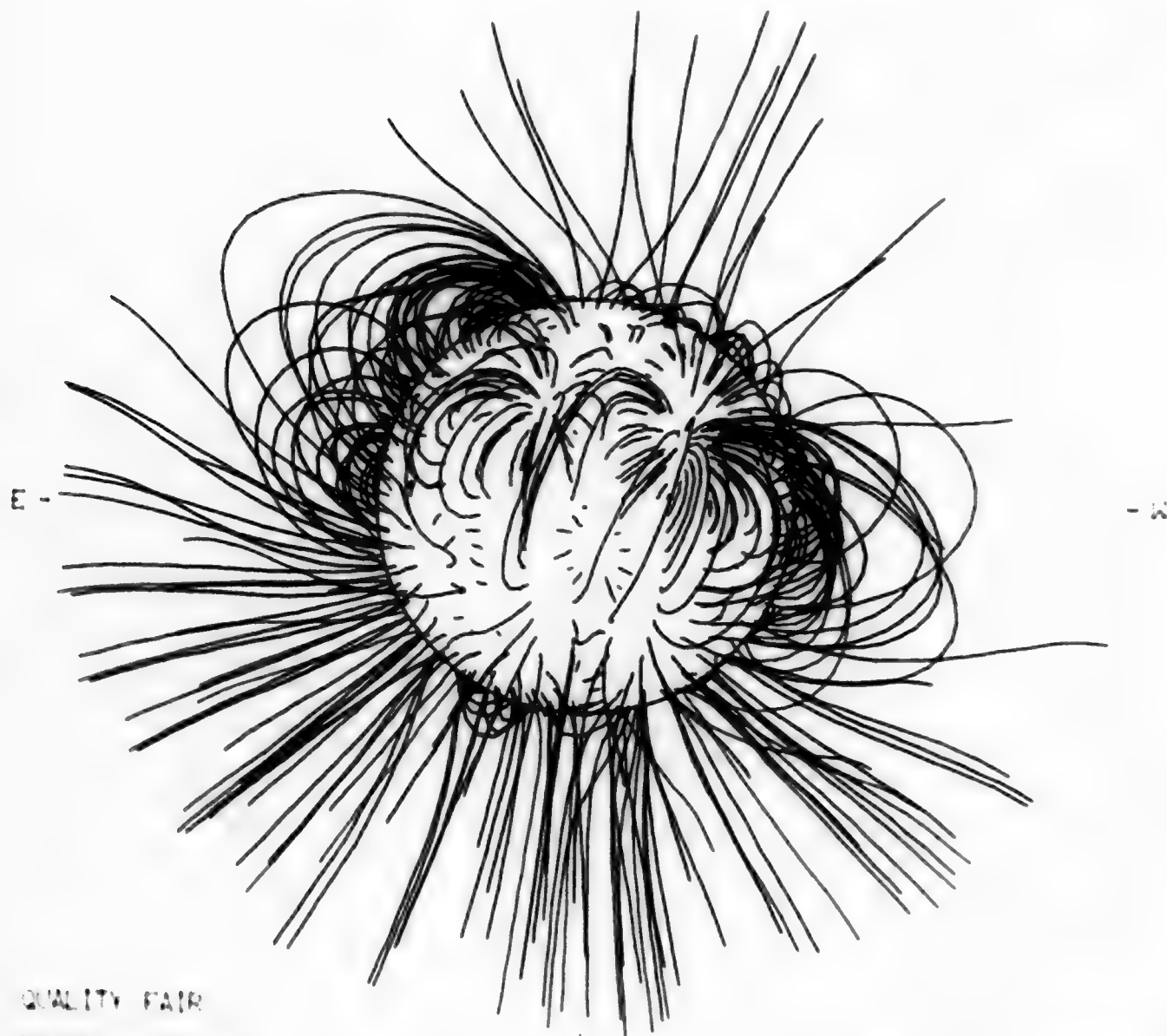
QUALITY FAIR

PULSES AVERAGE

DATA WINDOW 1514.00

8.7. 15.4 1.10. 1.40.
1.10. 1.10. 1.10.

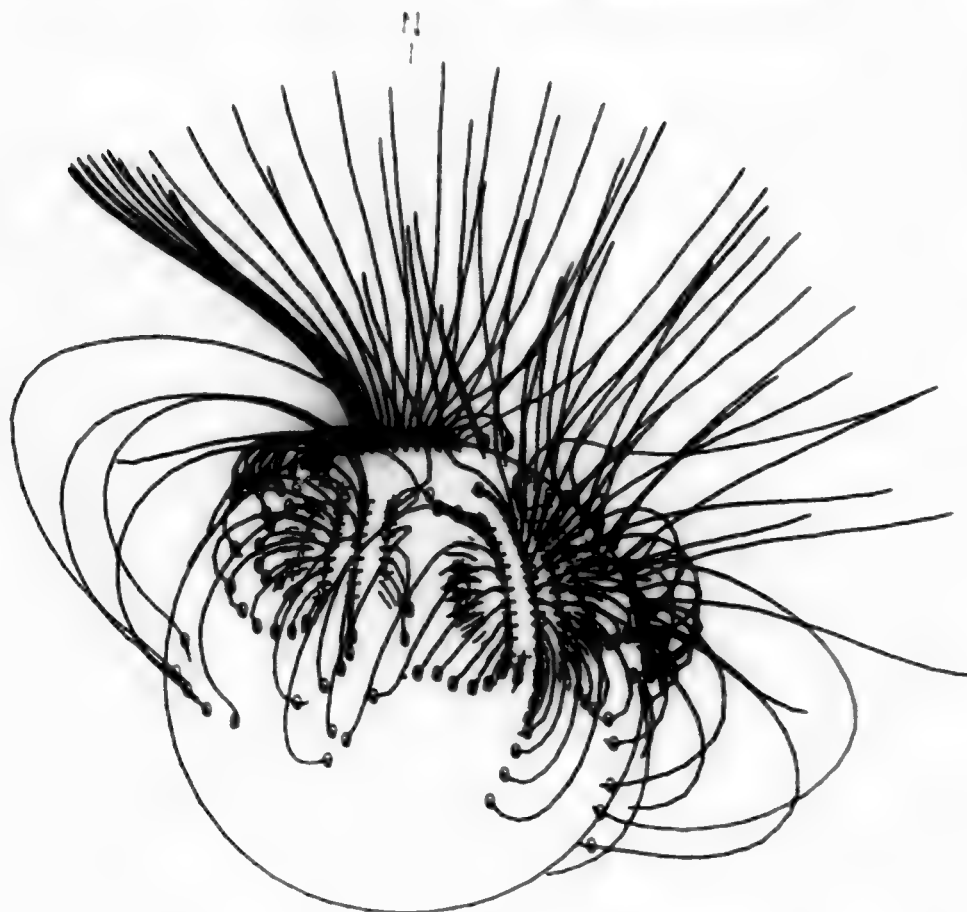
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1514.00

R.T. 1514 1514.00
 1514.00 1514.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

- W

QUALITY FAIR

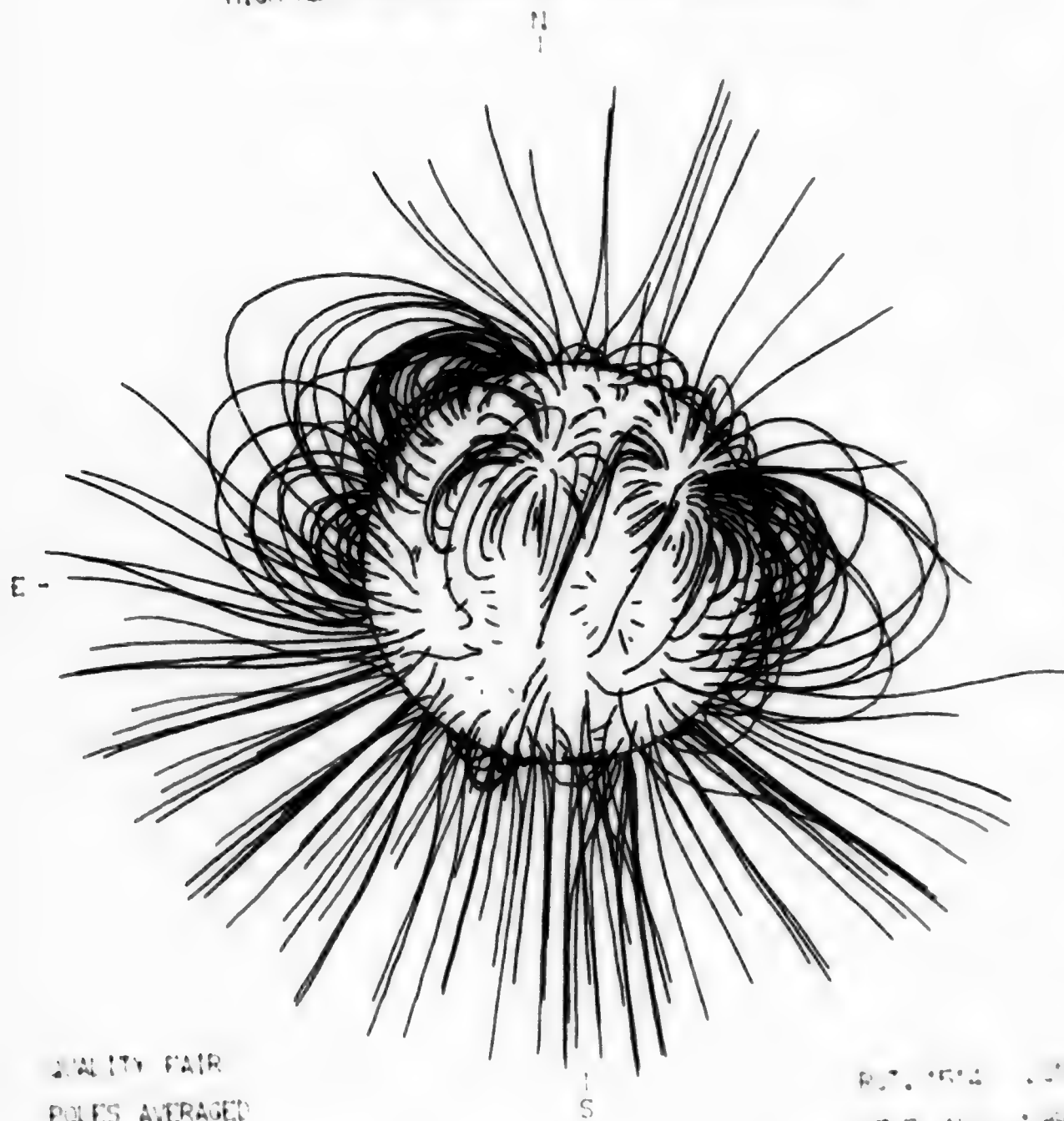
FILES AVERAGED

DATA WINDOW 1514.00

EST. 1514 1111.00

1111.00 1111.00

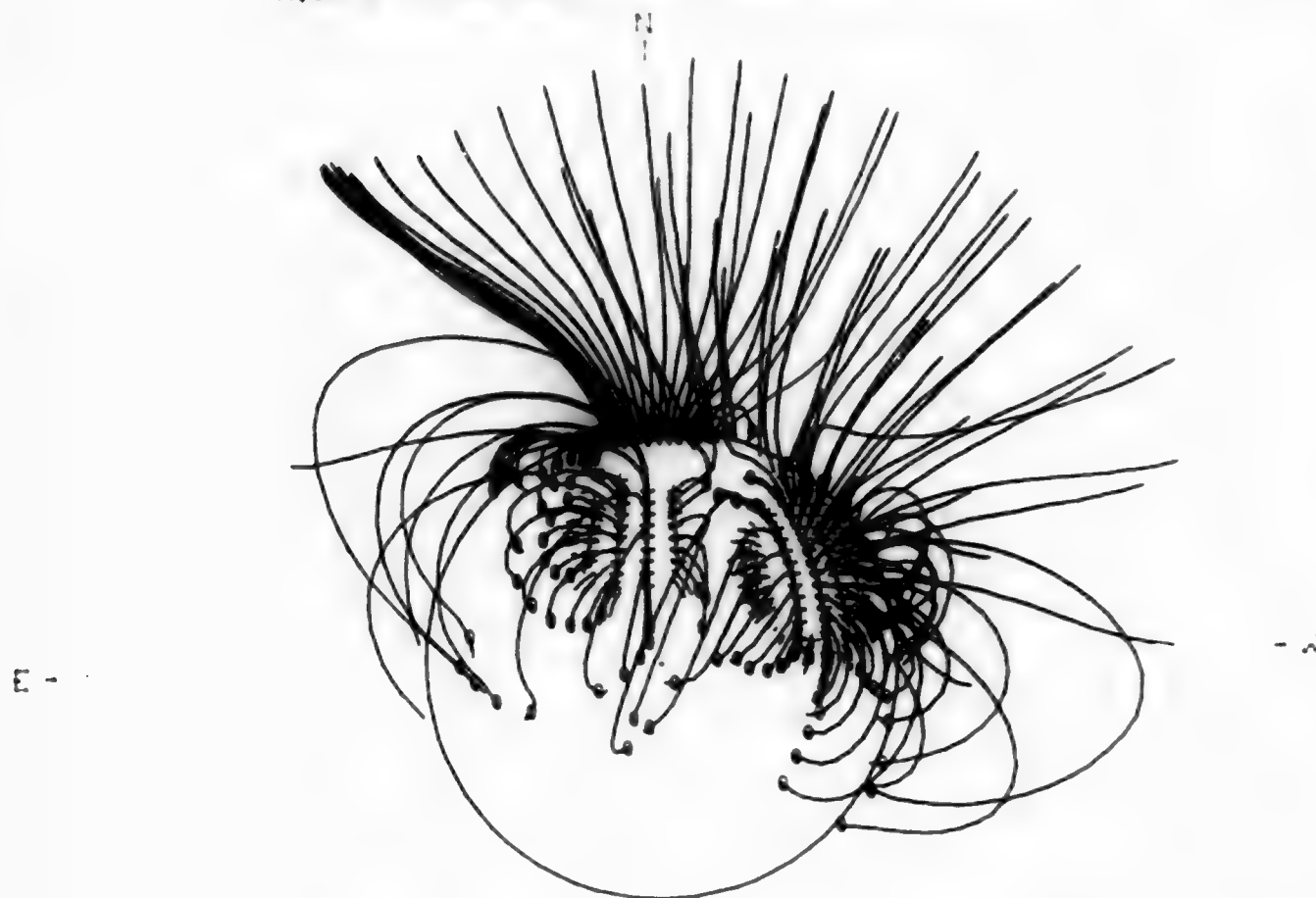
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 POLES AVERAGED
 DATA WINDOW 1514.00

23.5 11. 1.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

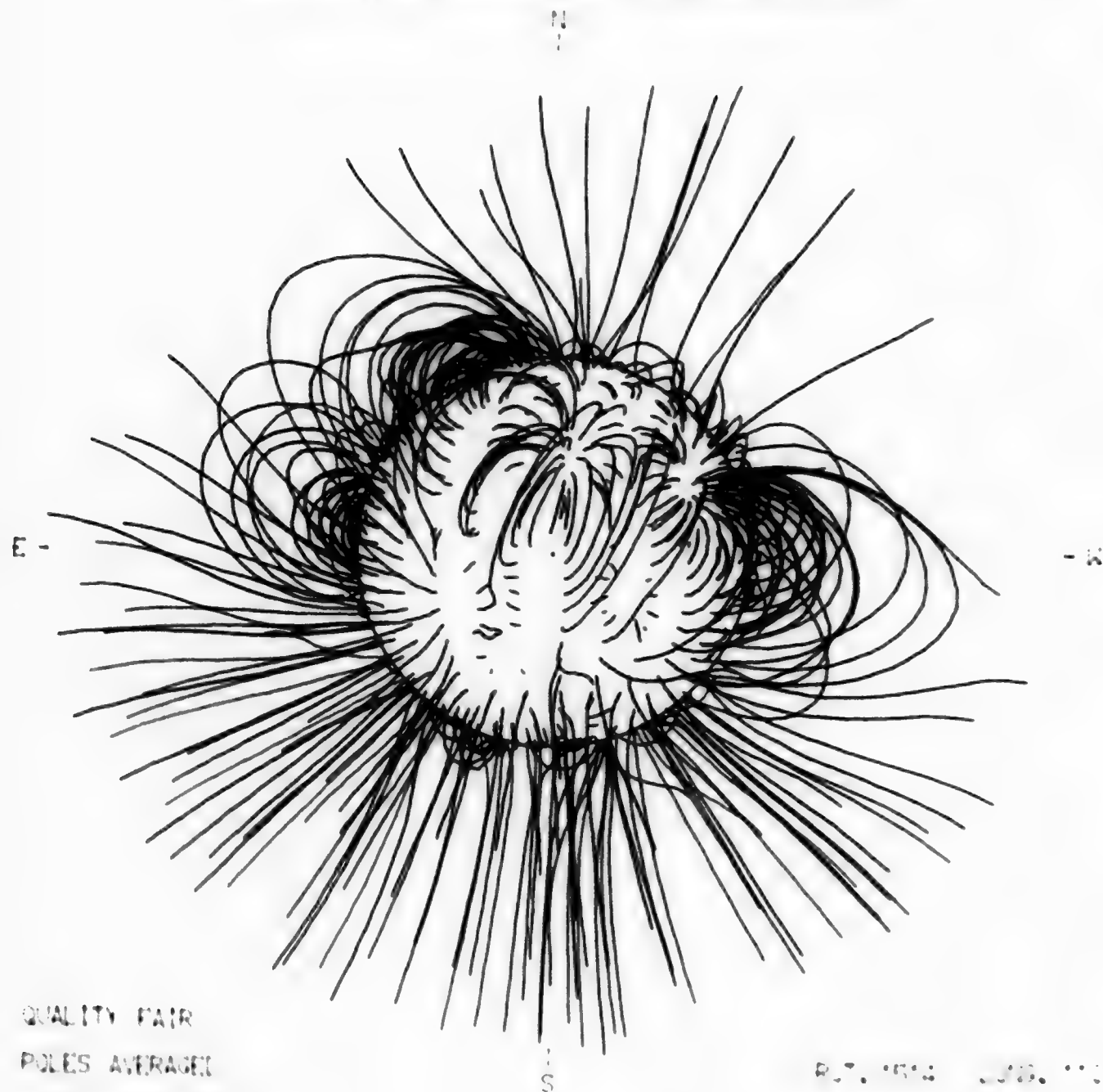
POLES AVERAGED

DATA WINDOW 1514.00

1
S

20.5 15.2 10.0 10.0
20.5 15.2 10.0 10.0

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



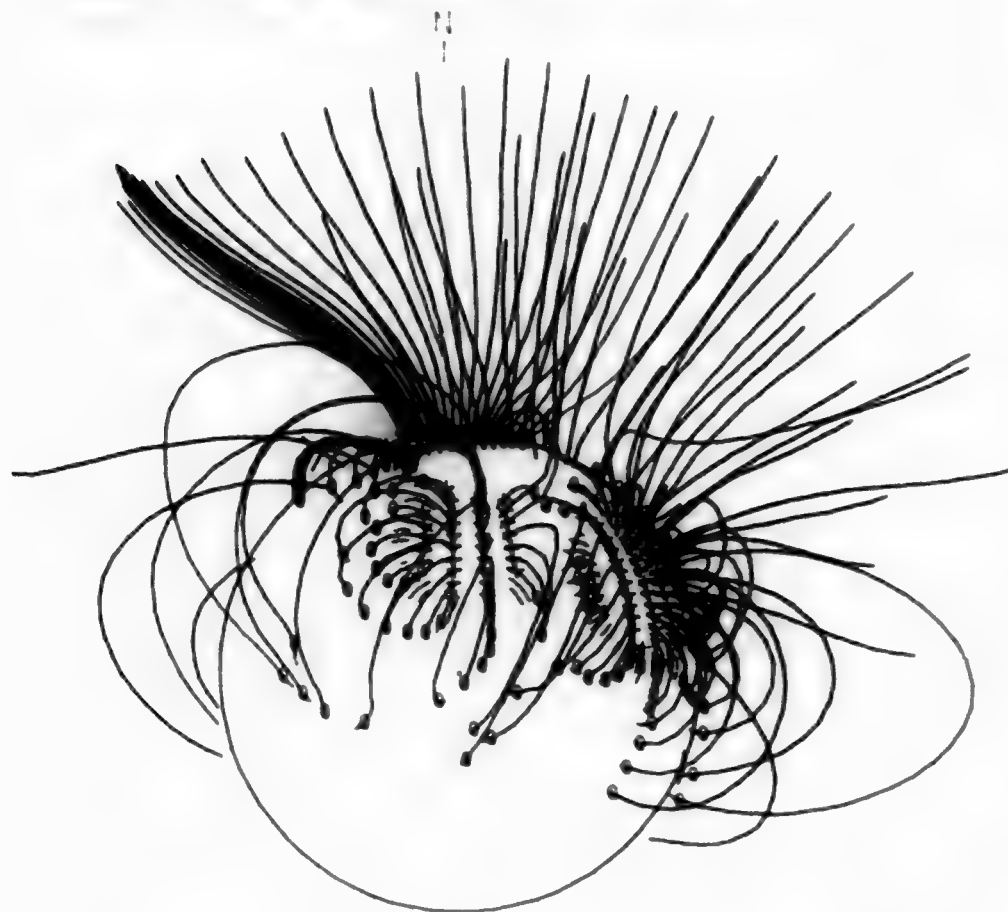
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1514.00

R.T. 1974 JUN 10
 14.0 11. 1.20

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

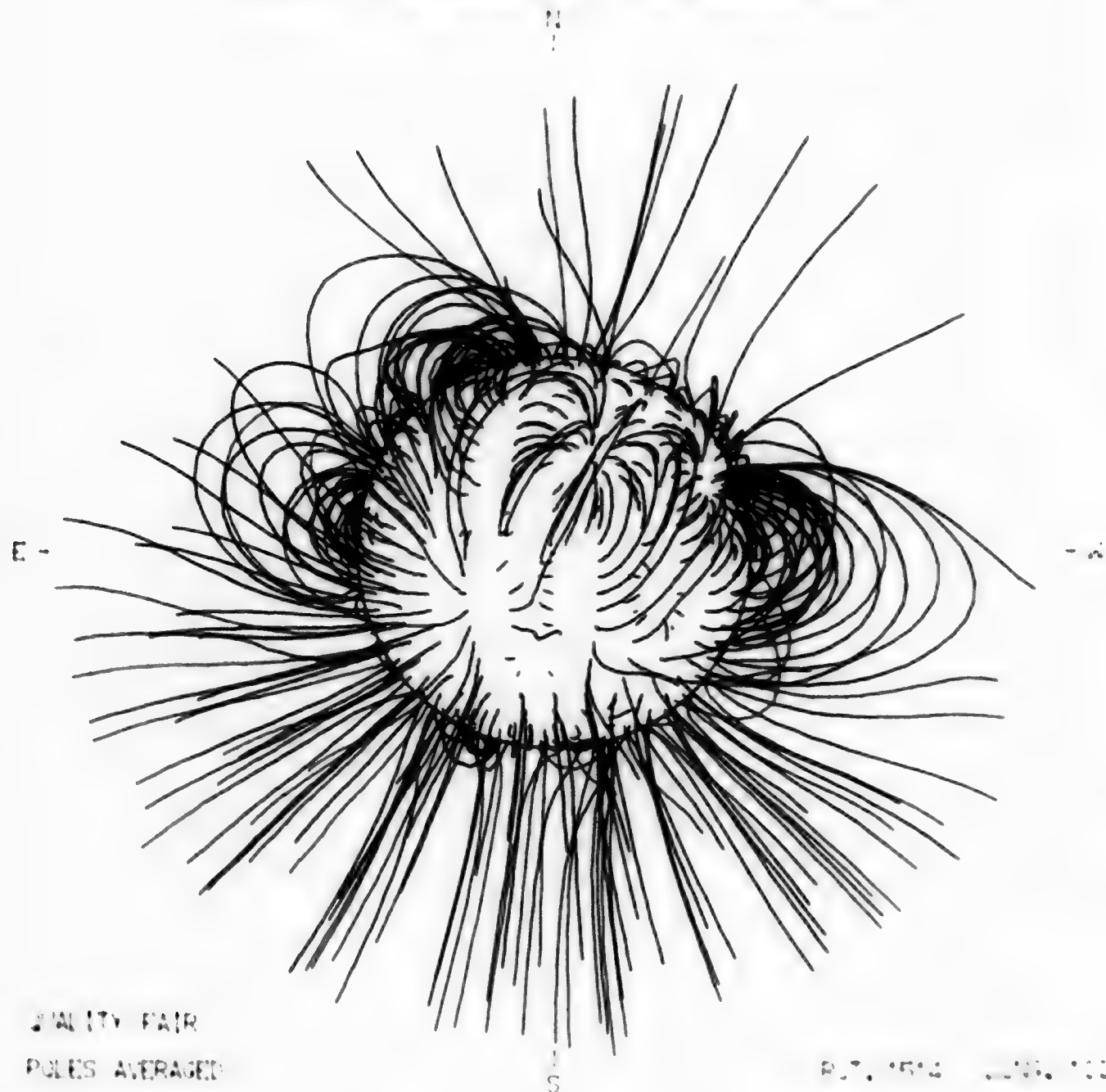
QUALITY FAIR

PULP AVERAGED

DATA WINDOW 1514.00

RUT. 1514 1000.00
 1000.00 1000.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

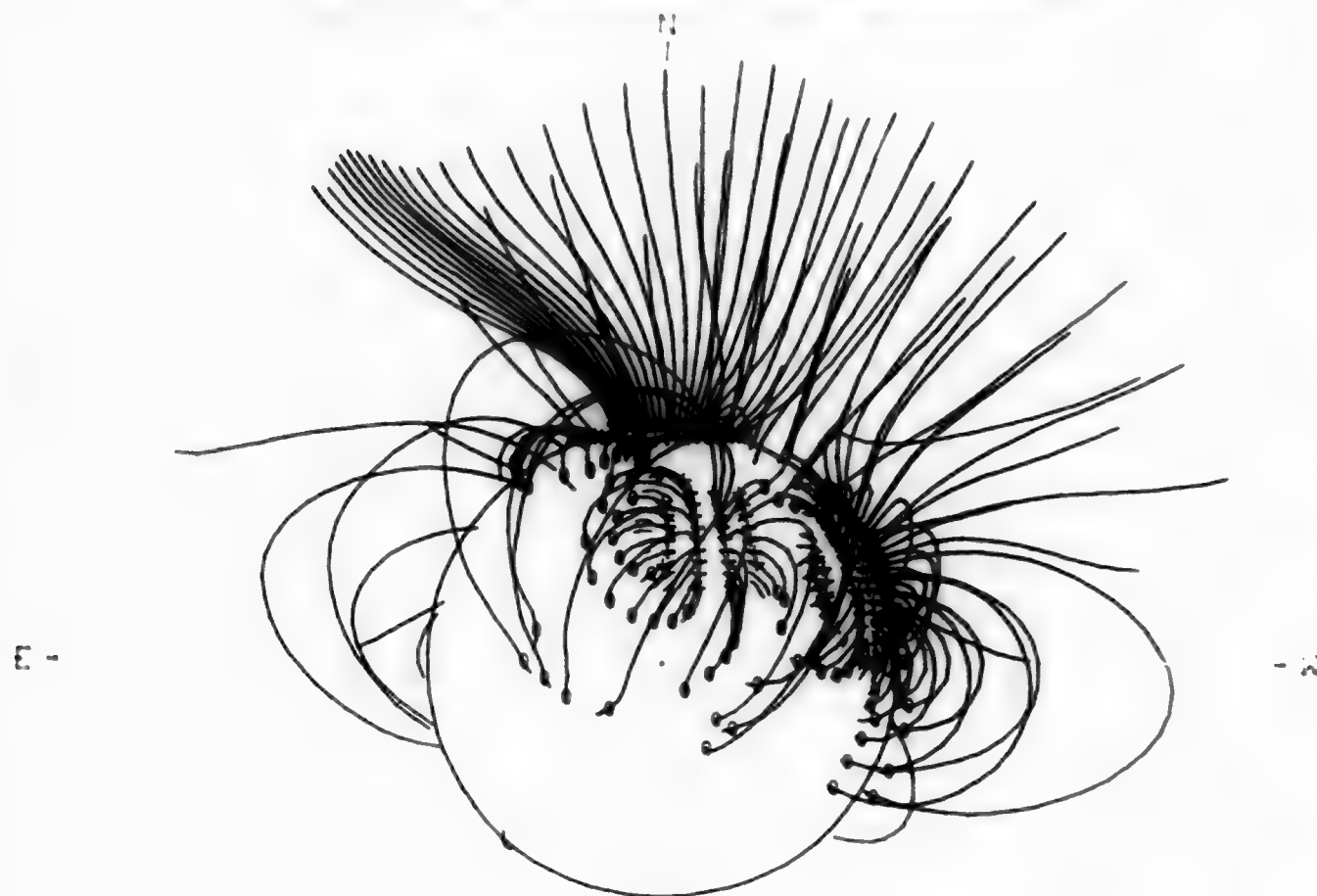
POLES AVERAGED

DATA WINDOW 1514.00

2.7.1514 1514.00

25.0 1514.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



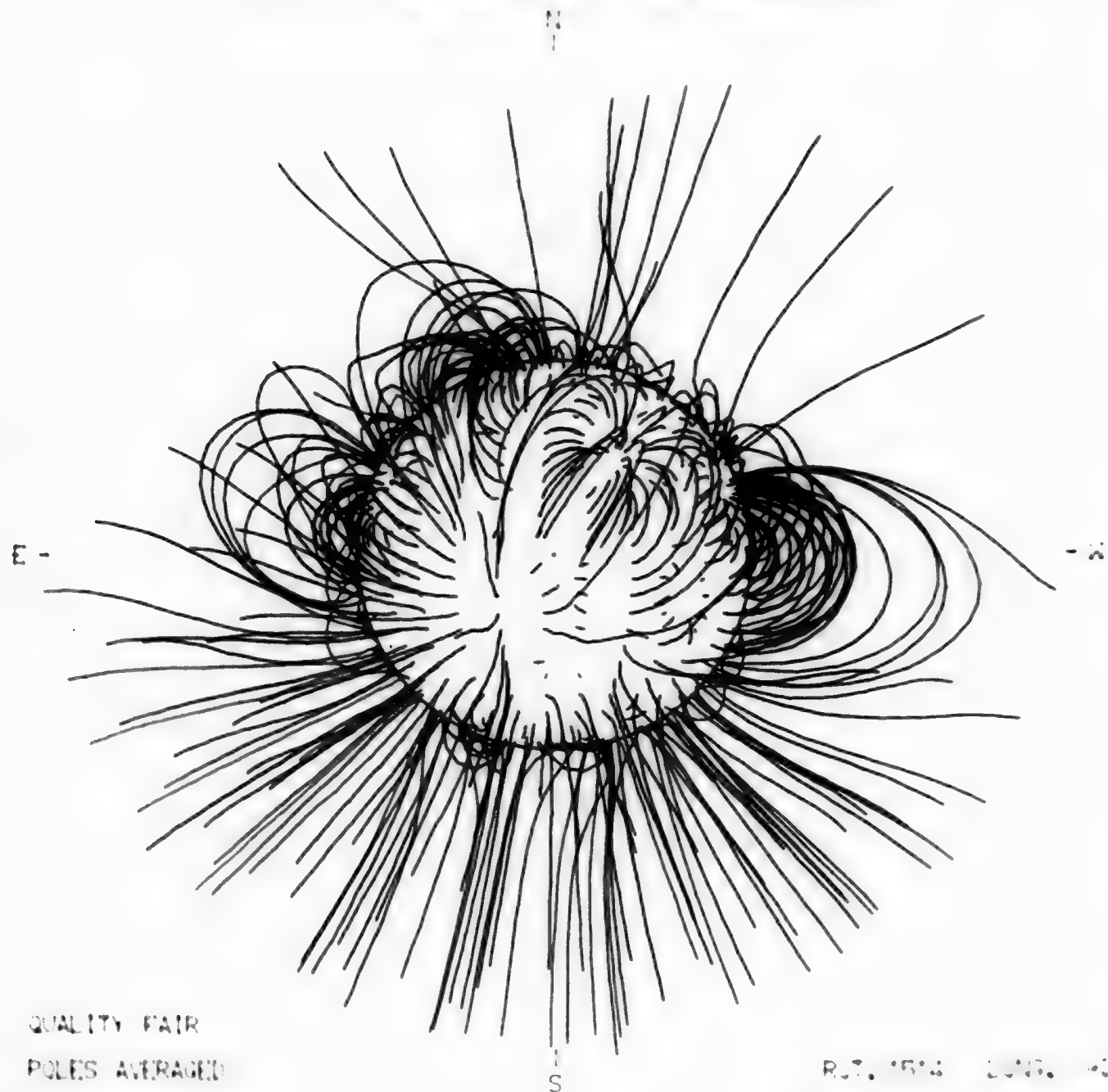
QUALITY FAIR

PILES AVERAGED

DATA WINDOW 1514.00

R.T. 1514 1000.000
 15.0 11.1 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

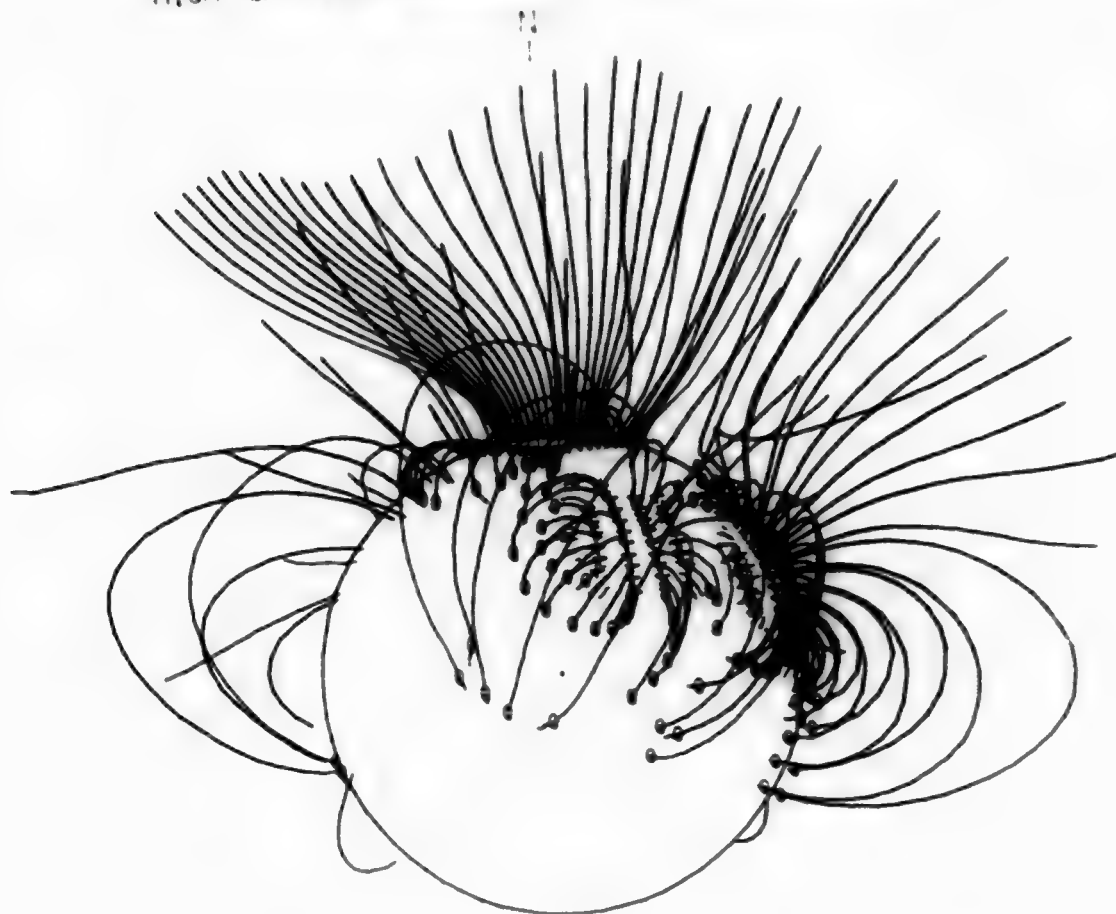
POLES AVERAGED

DATA WINDOW 1514.00

R.T. 1514 LONG. 1514

1514 1514 1514

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

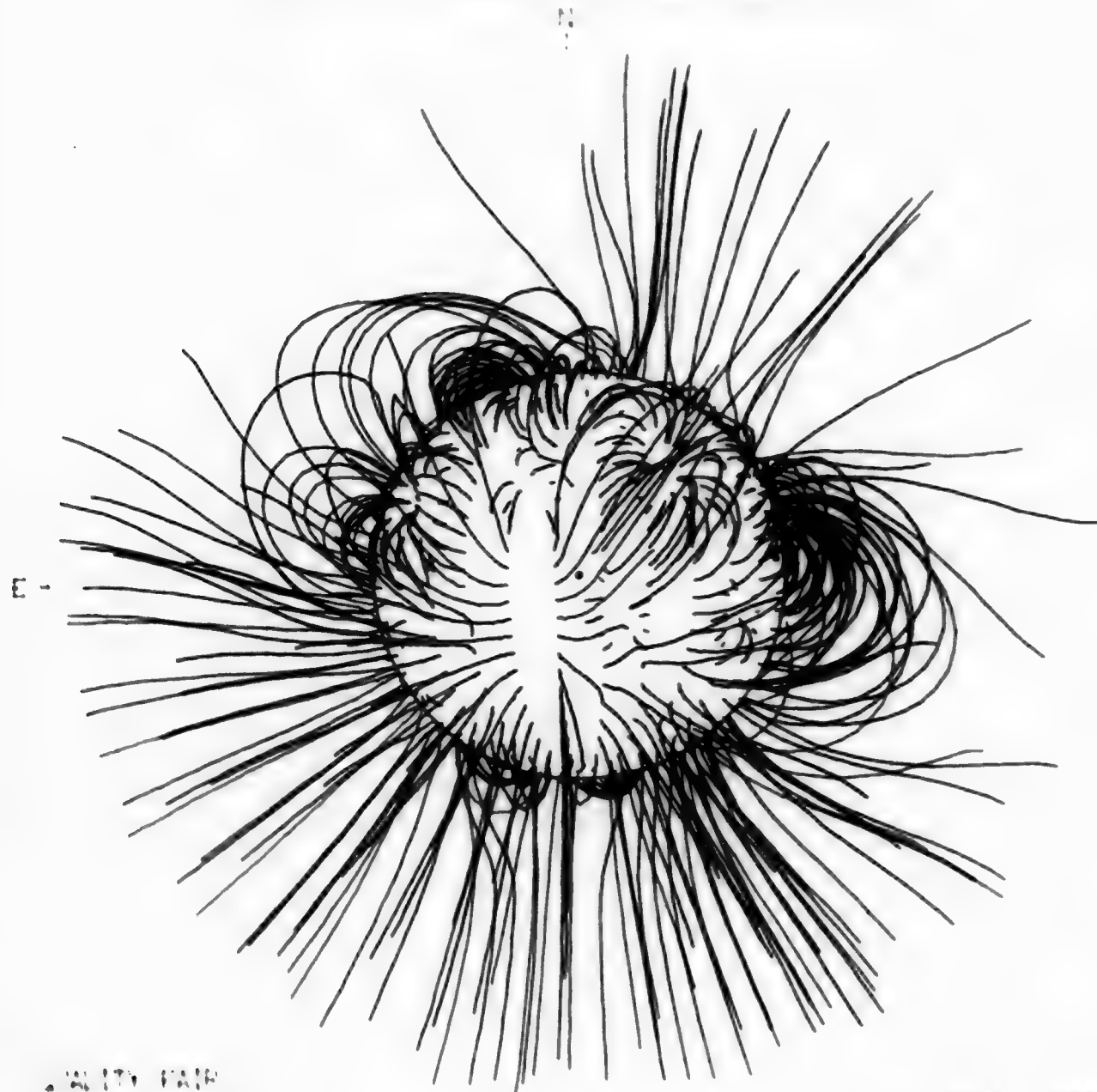


E -

QUALITY FAIR
FILES AVERAGED
DATA WITHIN 1954.00

20.7.1954 1.00.00
25.7.1954 1.00.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

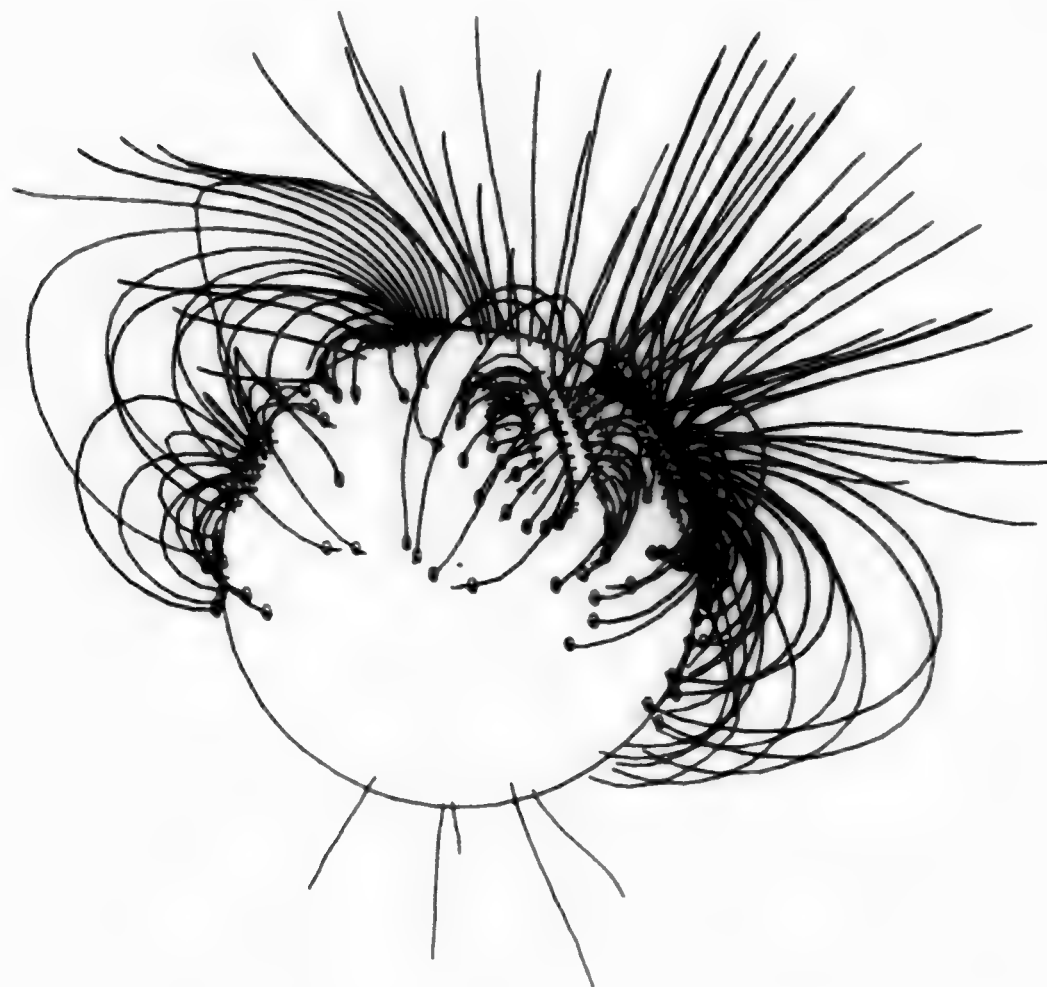


QUALITY FACT
 PLAN AVERAGE
 DATA WINDOW '511.4'

511.4 511.4 511.4
 511.4 511.4 511.4

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



20111 FAIR

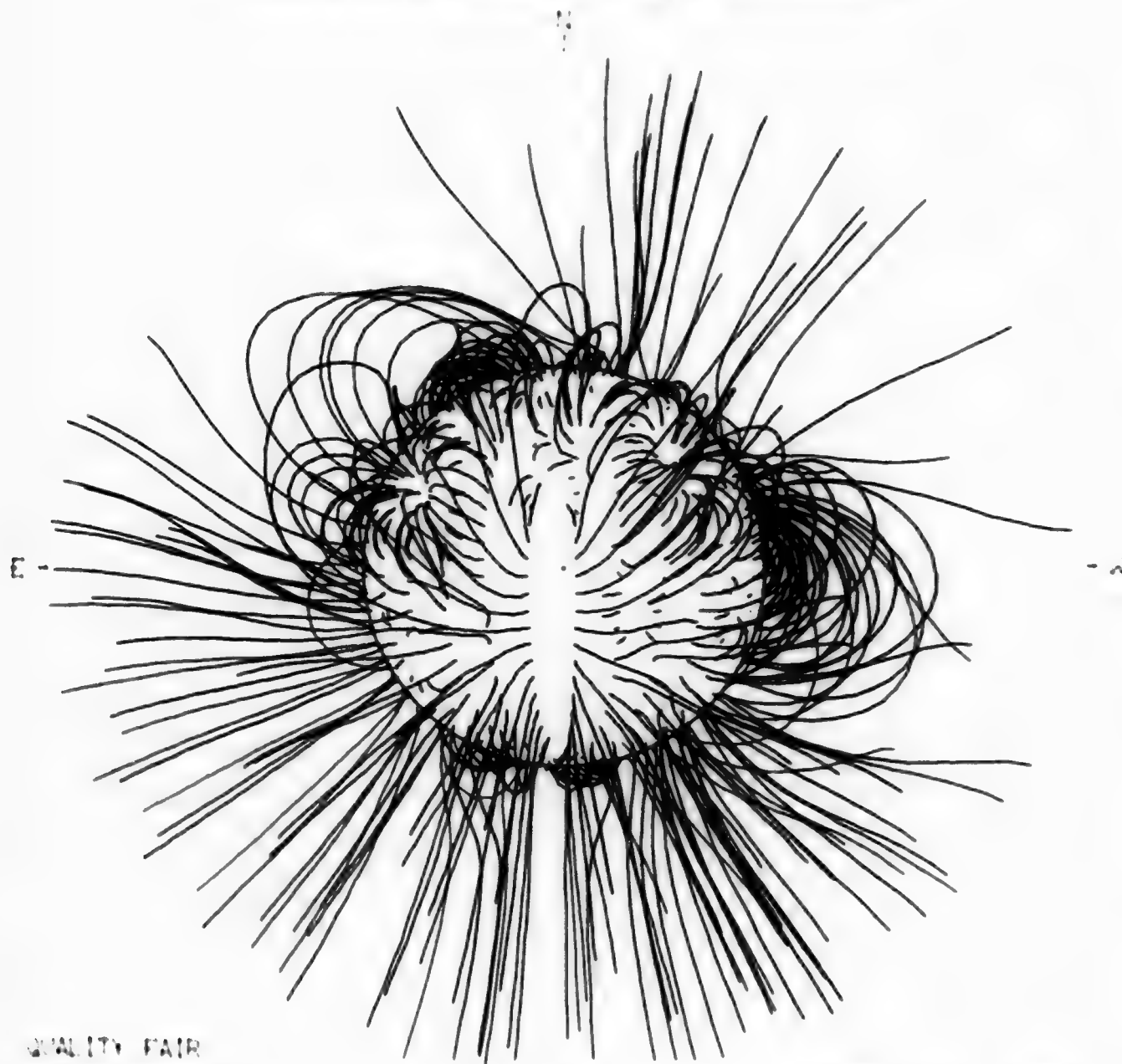
PLATE AVERAGED

DATA FROM 1914.57

S

1914.57 1914.57 1914.57
1914.57 1914.57 1914.57

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES AVERAGED

DATA NUMBER 1514.07

REPT. 1914 1.10. 70°

27.5 100 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
I

E -

- W

QUALITY FAIR

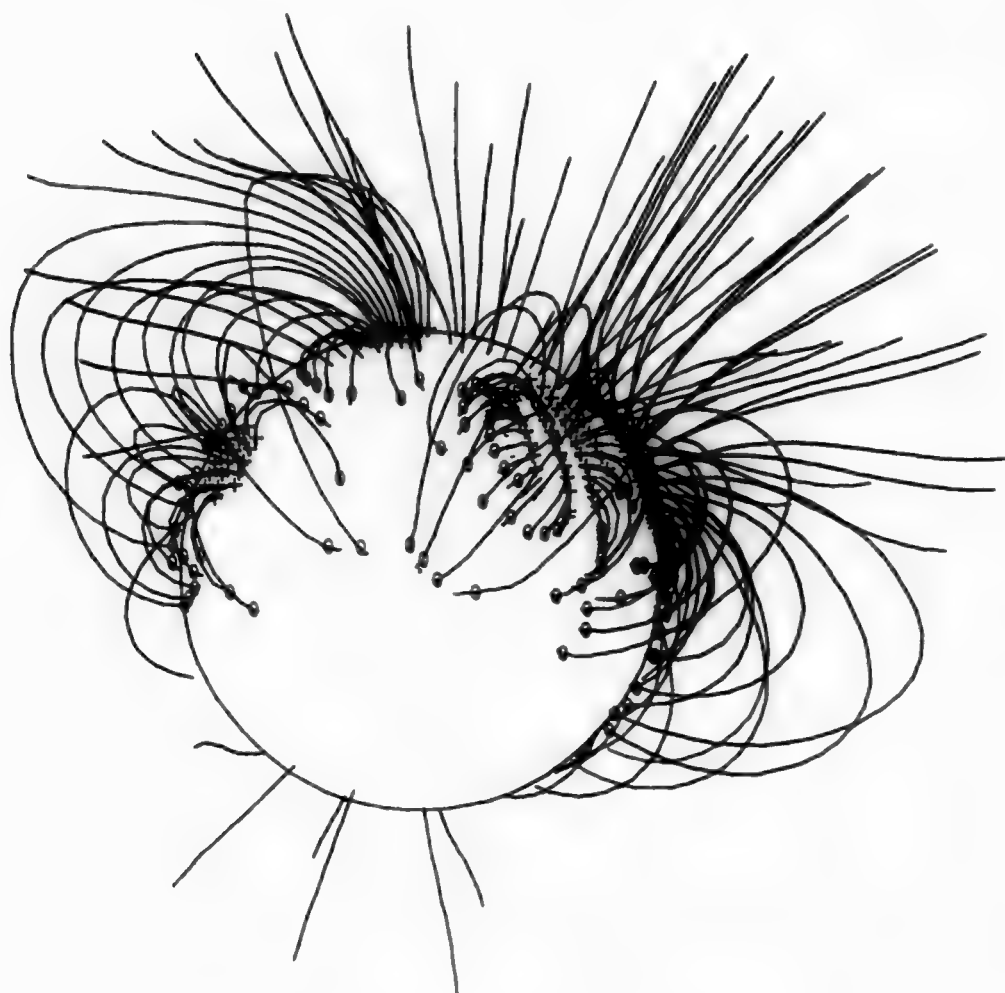
POLES AVERAGED

DATA WINDOW 1514.47

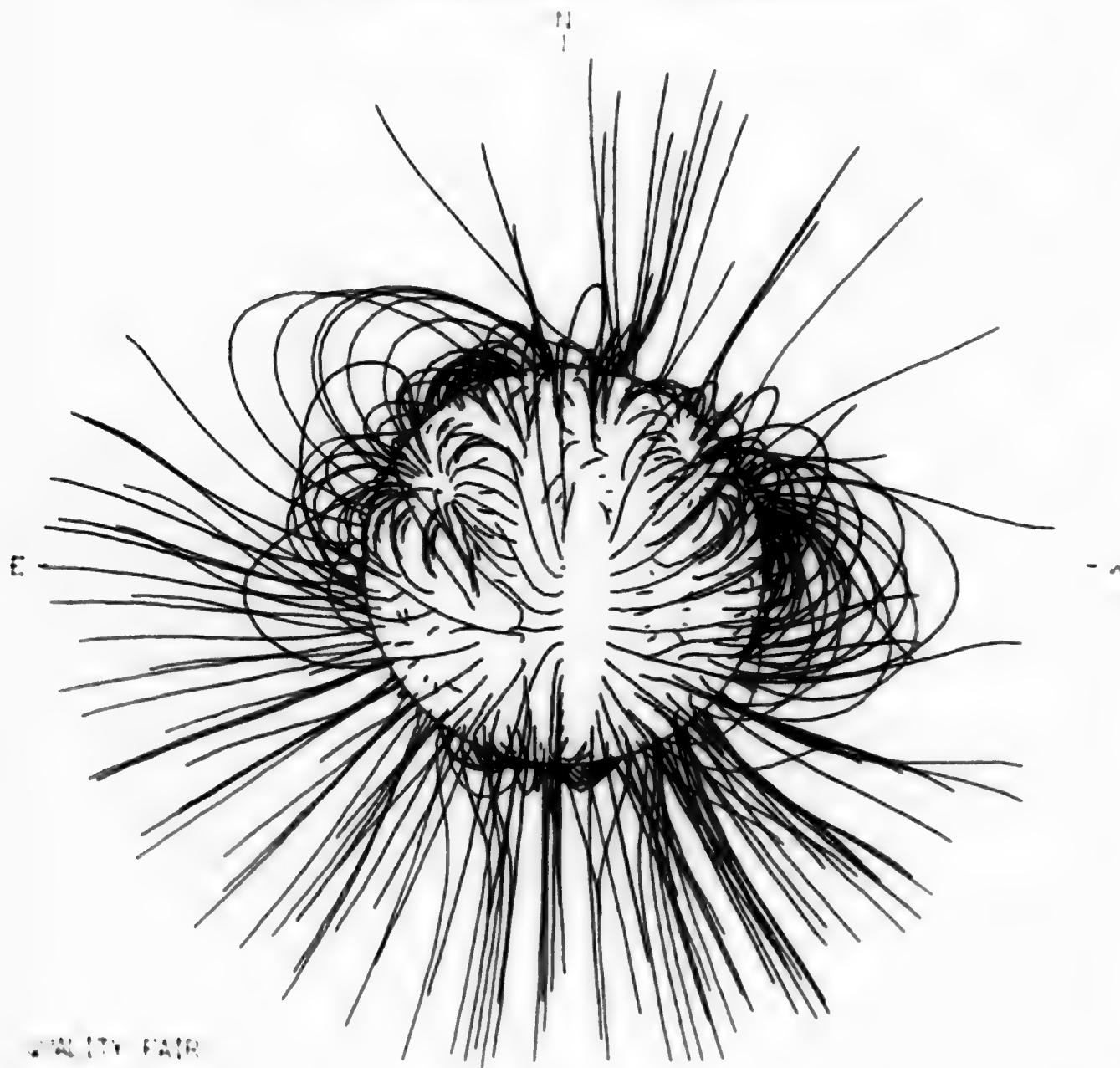
I
S

ROT. 1514 200. 70°

27.3 100 1.200



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES AVERAGED

DATA WINDOW 1514.47

S

20.0 15.0

10.0 5.0

20.0 15.0

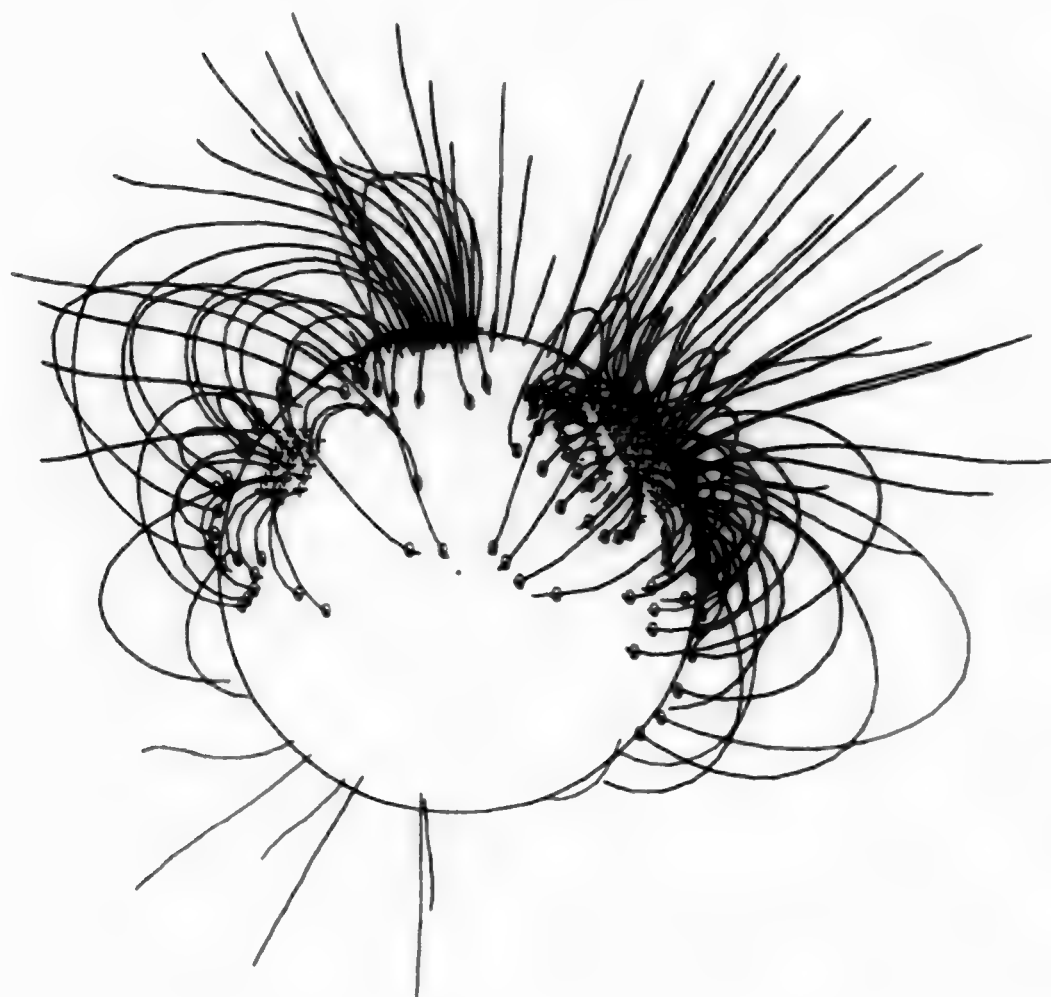
10.0 5.0

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

11
1

E -

- W



QUALITY FAIR

POLES AVERAGED

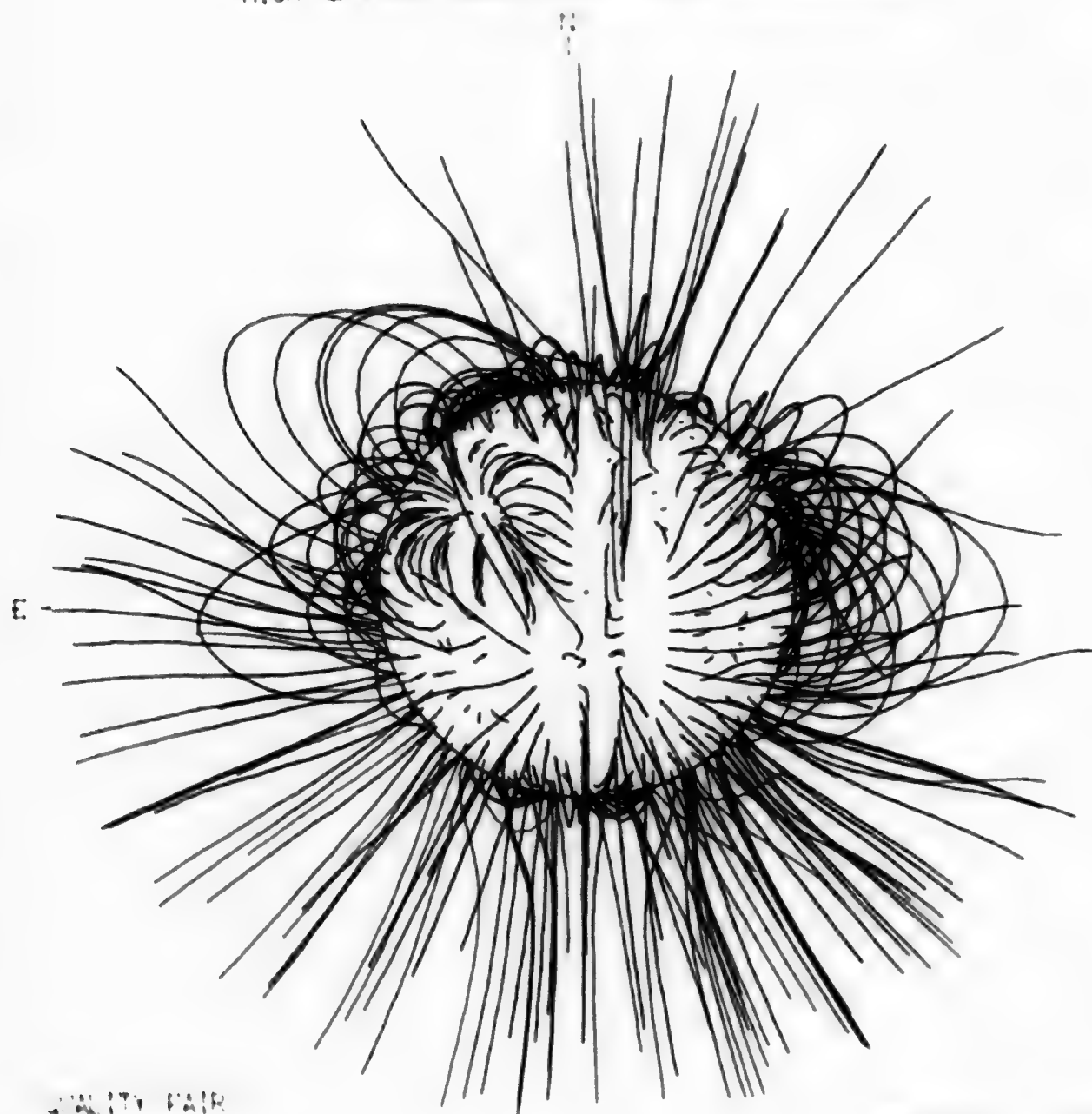
DATA WINDOW 1514.37

1
5

217.1514 1514.37

217.1514 1514.37

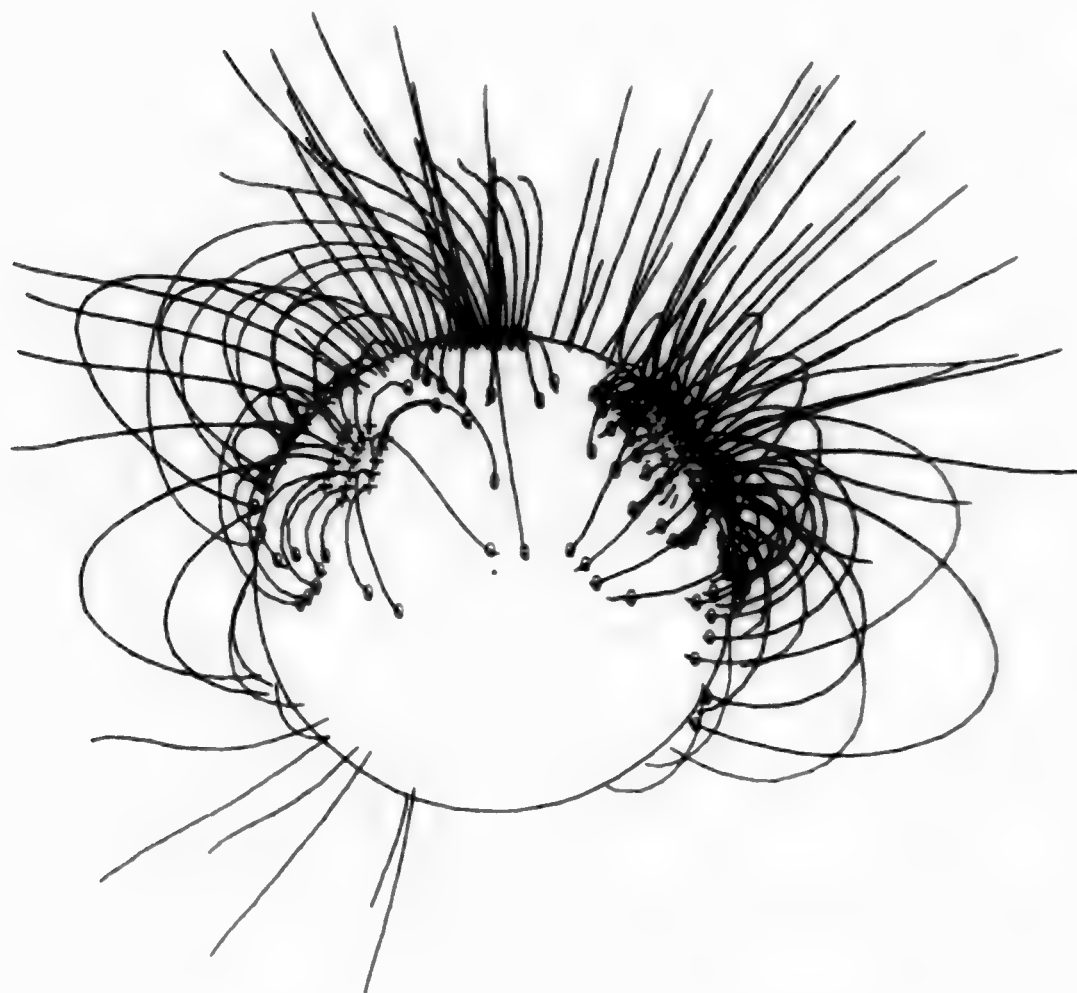
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY PAIR
 PAGES ALTERED
 DATA WINDOW 1514.4"

RECEIVED 1964 50
 JUNE 11 1964

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

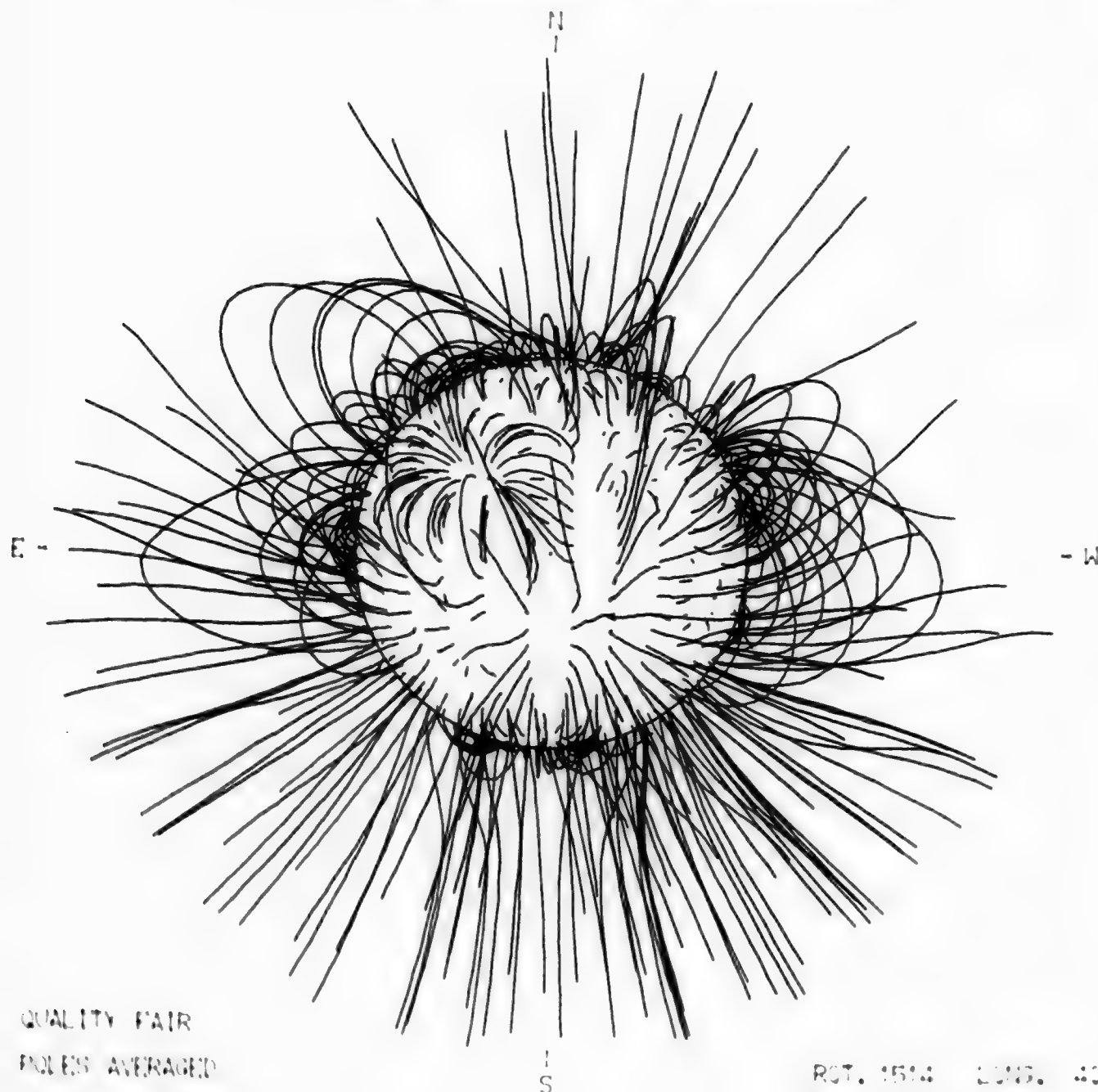


E -

QUALITY FAIR
FILES AVERAGE
DATA WINDOW 1994.00

207.1512 1000.00
00.00 1000.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

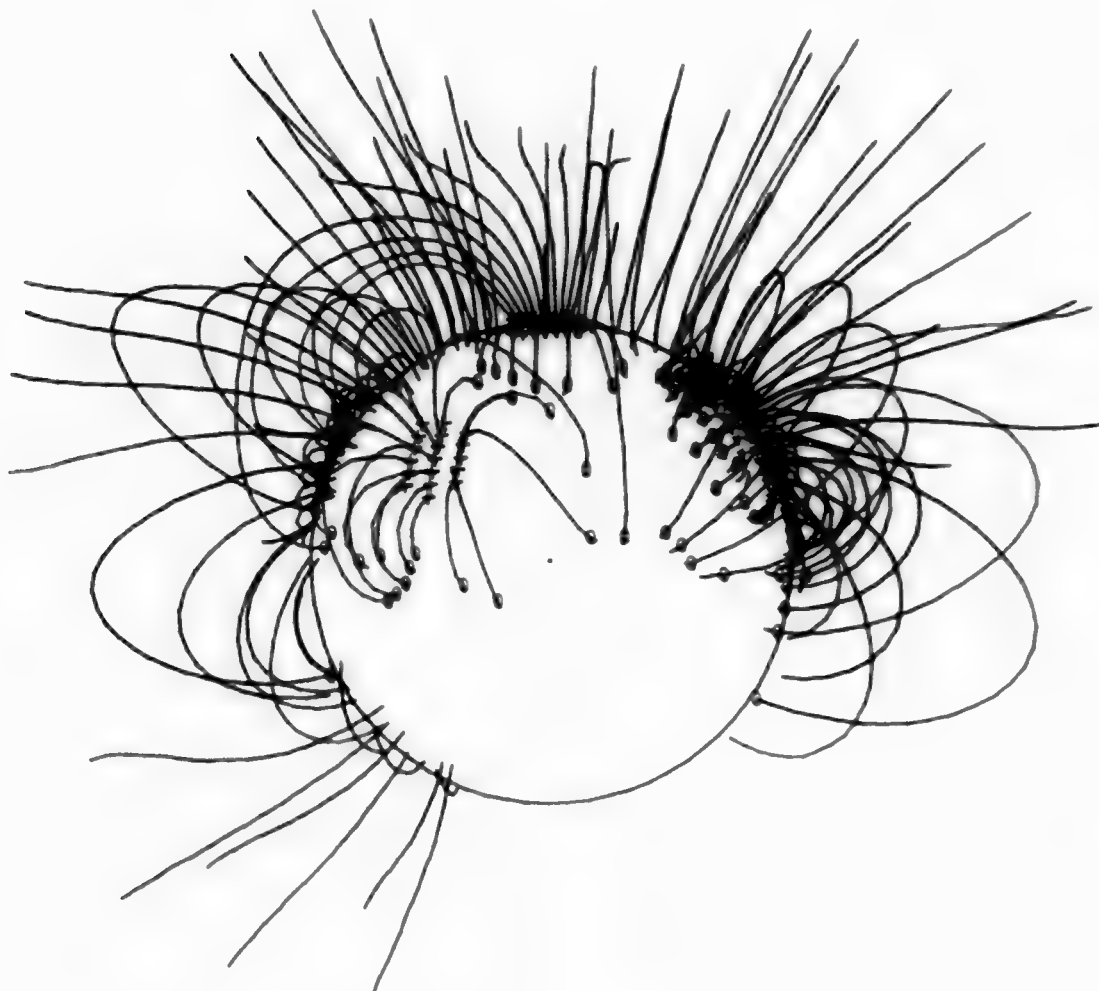
POLES AVERAGED

DATA WINDOW 1513.37

RCT. 1513 LONG. 30°

22.5 100 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

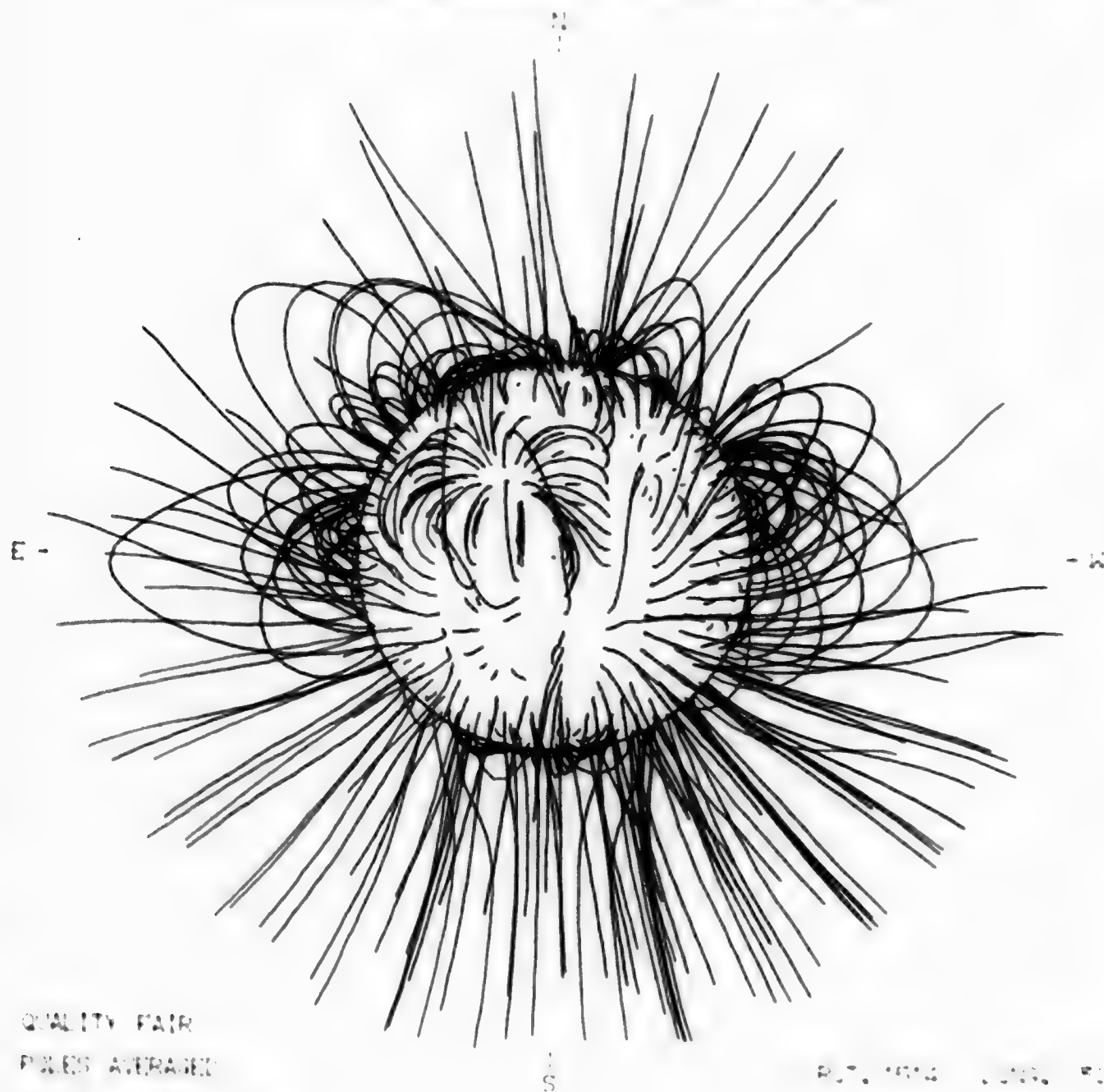


E -

QUALITY FAIR
FILES AVERAGED
DATA WINDOW 1514.4"

2.7. 1972 1.11. 40
2.4. 1972 1.11. 40

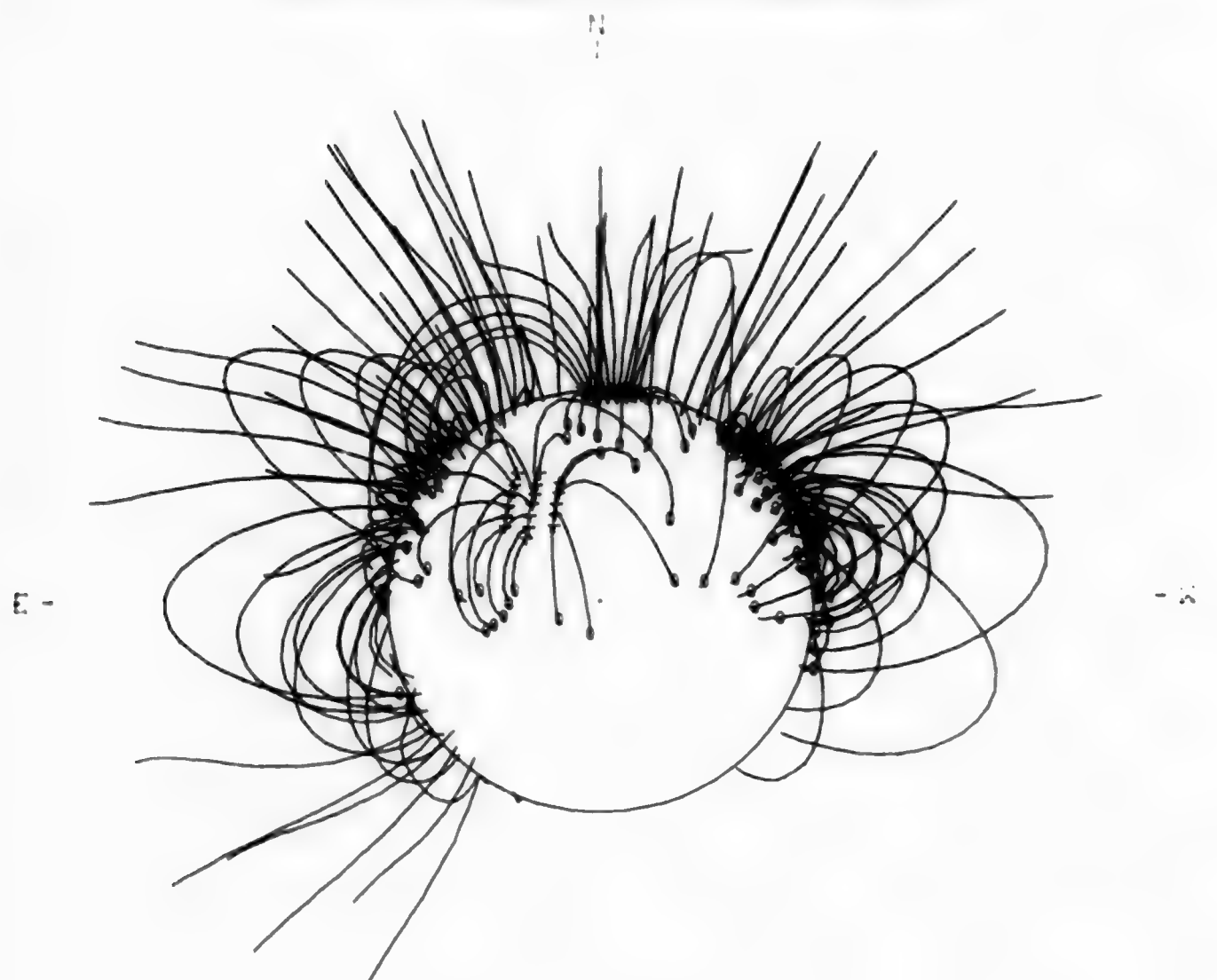
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
FILES AVERAGED
DATA WINDOW 1990.0"

20.0 100.0 100.0 100.0
20.0 100.0 100.0 100.0

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

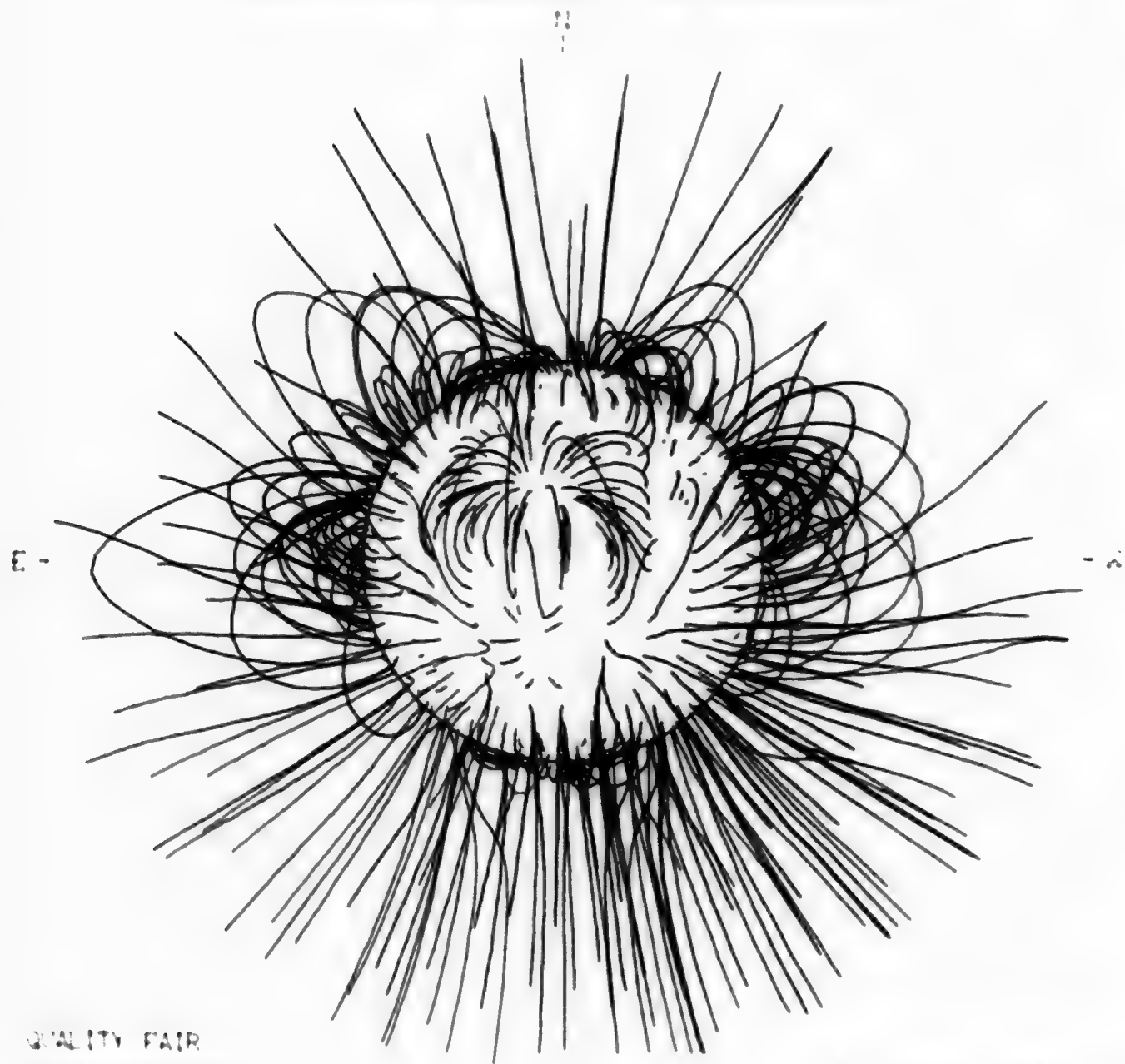
DATA WINDOW 1514.47

S

0.7 15.2 1.1 1.1

30.8 1.1 1.1

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

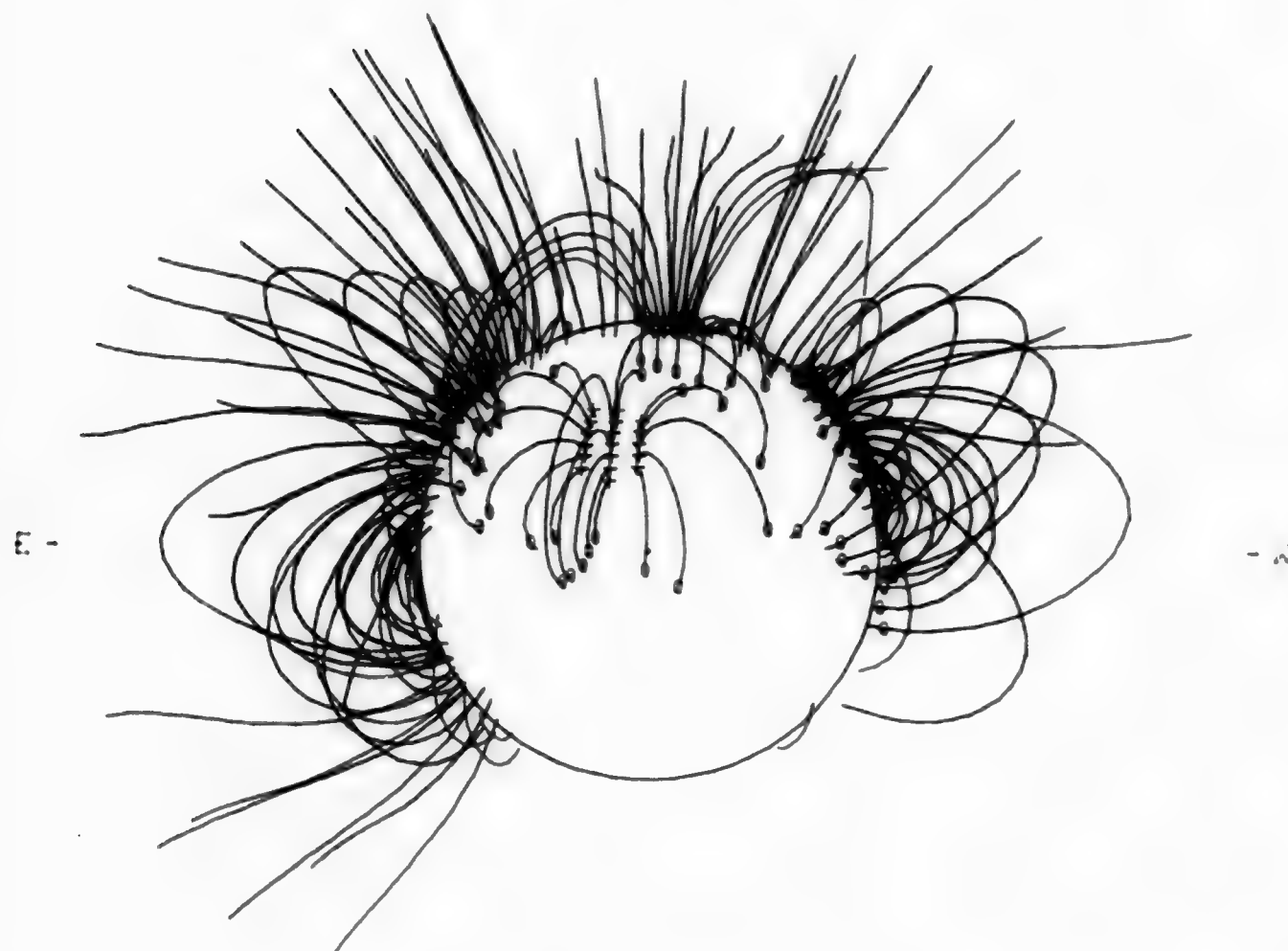
POLES AVERAGED

DATA WINDOW 1514.47

2.7.1974 1.11.10

1.1.10 1.1.10

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY DATA

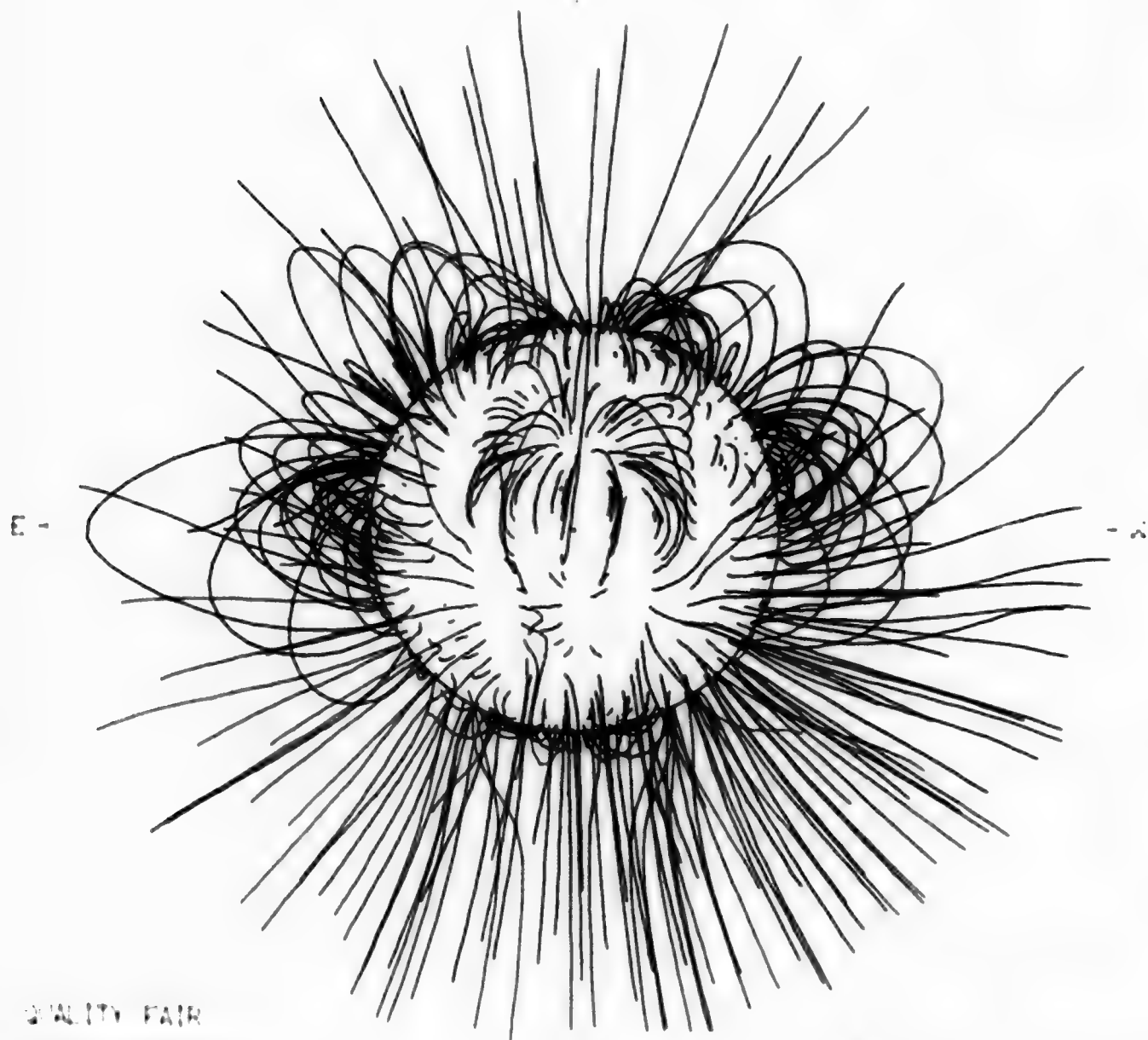
FILES ALIGNED

DATA WINDOW 1000.00

100.000 1000.00

100.000 1000.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

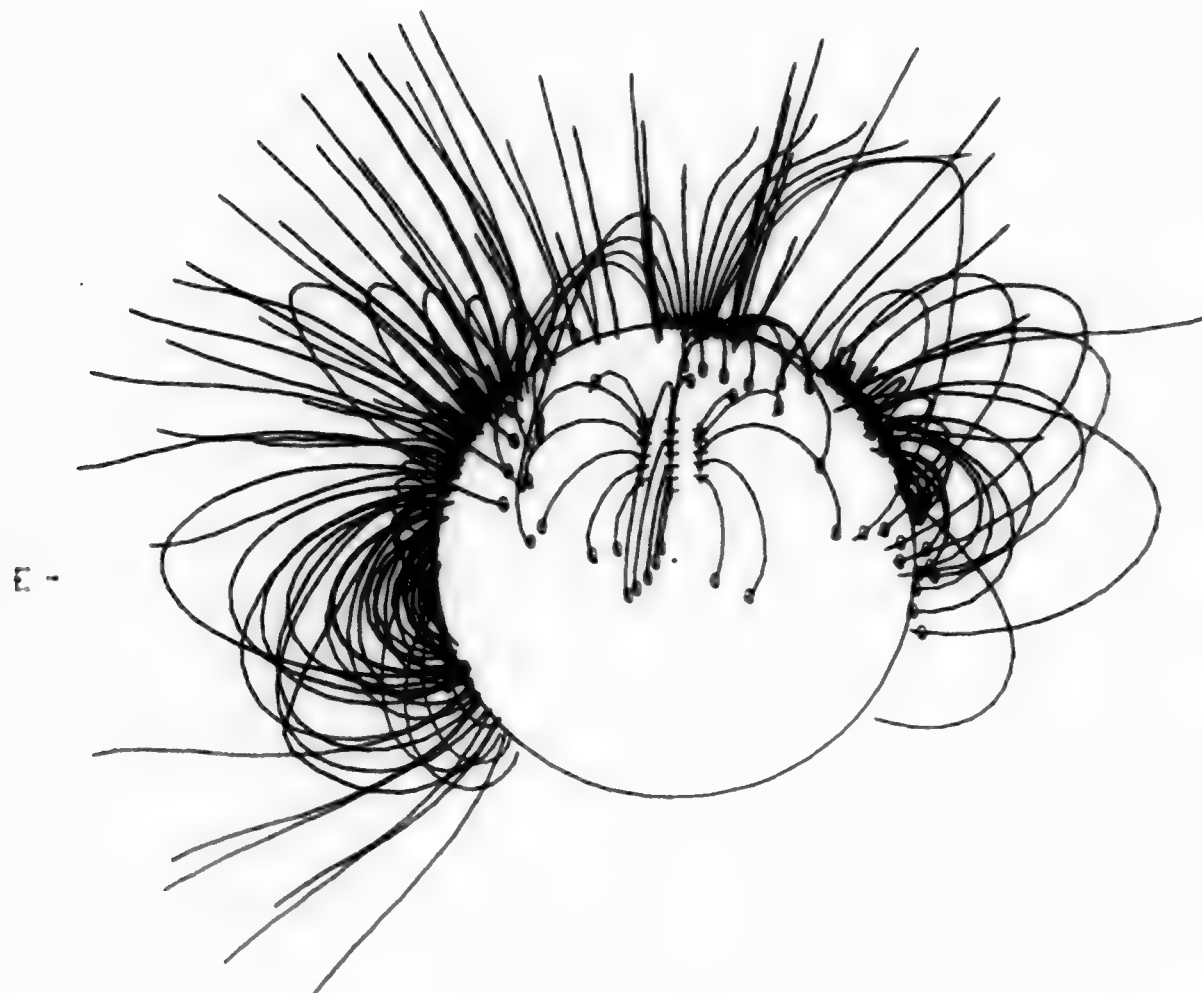
PAID AVERAGE

DATA FROM 1954.57

1954.57 1954.57 1954.57

1954.57 1954.57 1954.57

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



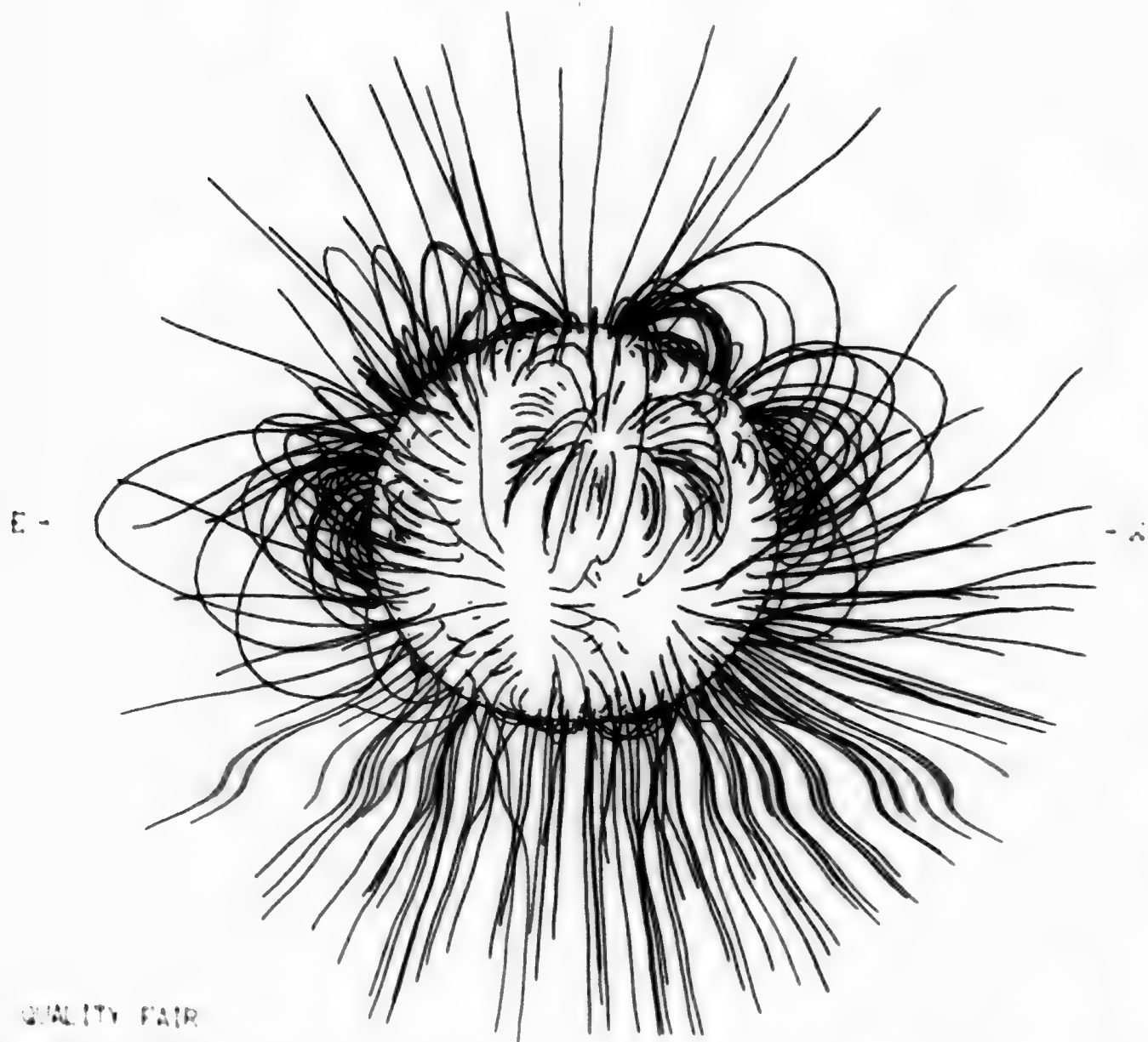
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1914.47

1914.47 1914.47 1914.47
1914.47 1914.47 1914.47

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



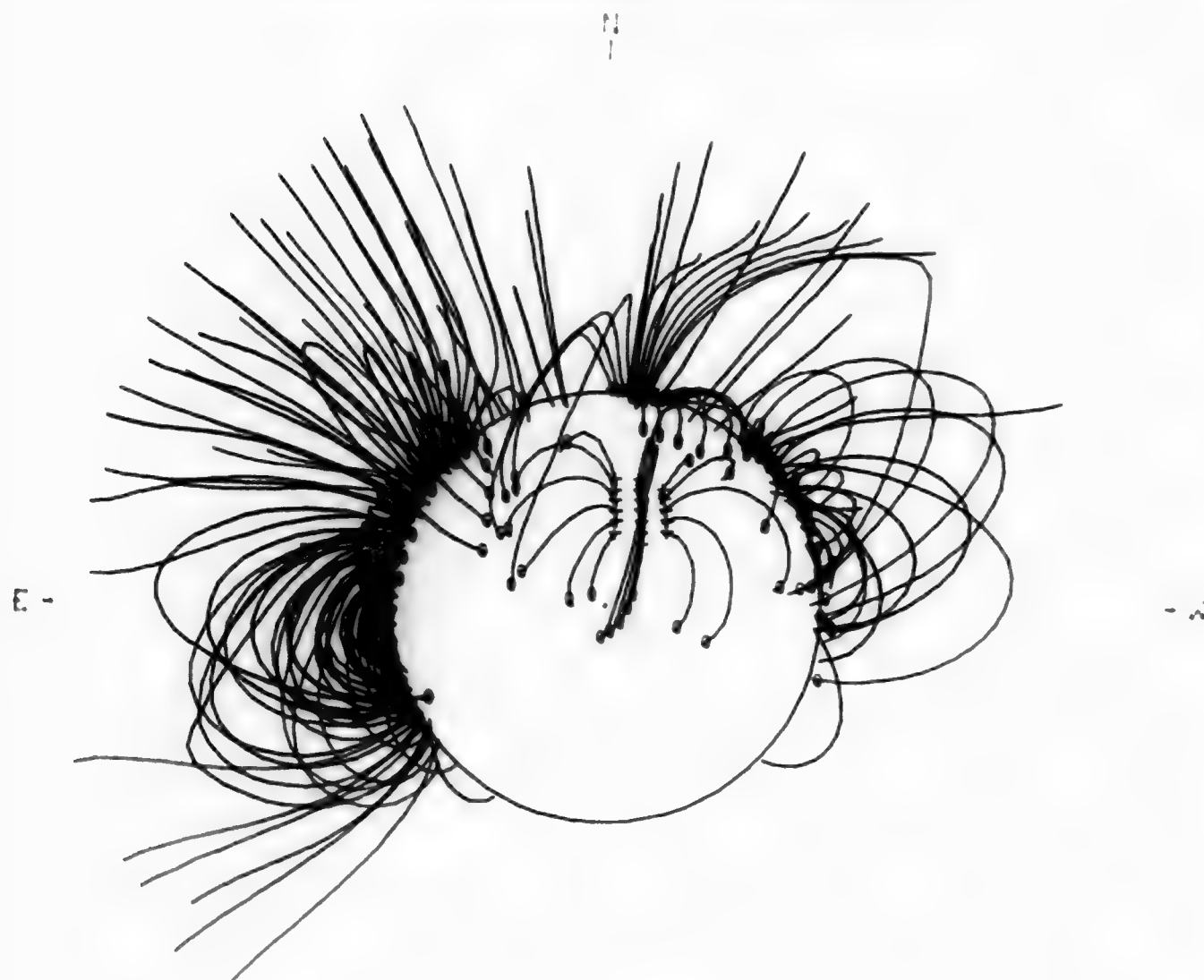
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1911.0"

REF. 1911.0 1911.0 1911.0
1911.0 1911.0 1911.0

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

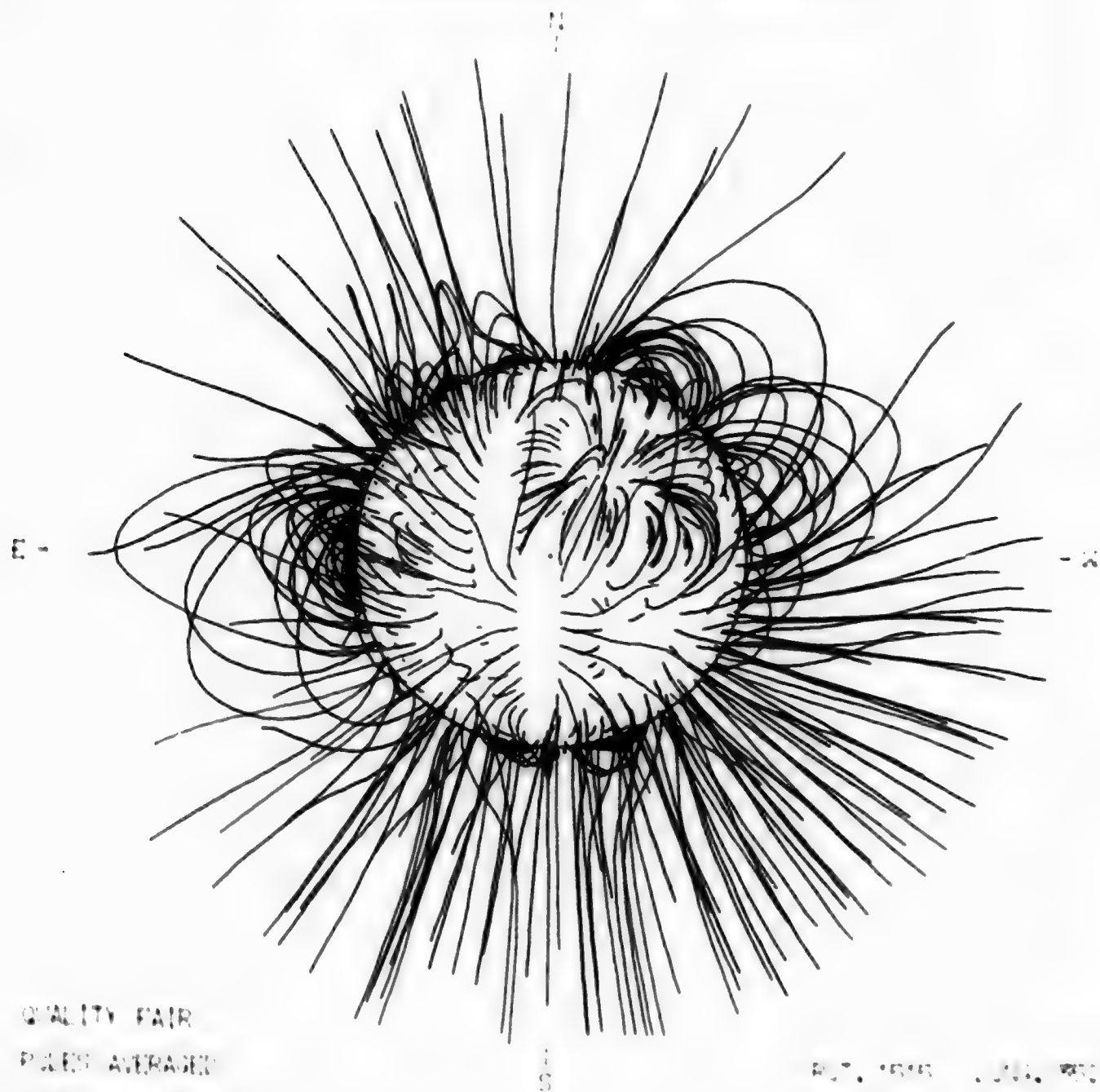
DATA WINDOW 1911.00

1
S

1911.00 1911.00 1911.00

1911.00 1911.00 1911.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

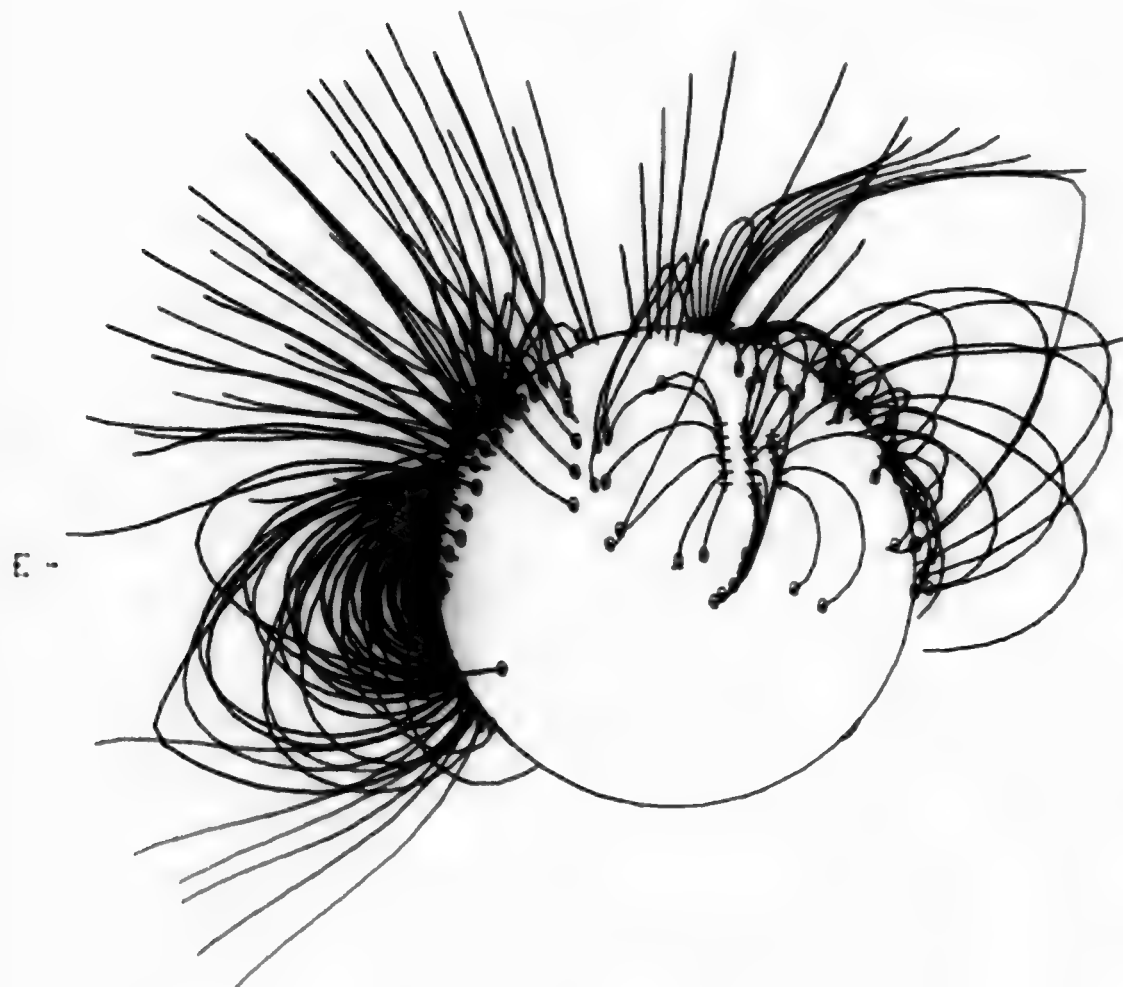


QUALITY FAIR
 POLES AVERAGED
 DATA WIND IN 1911.01

1911.01 1911.01
 1911.01 1911.01

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
1

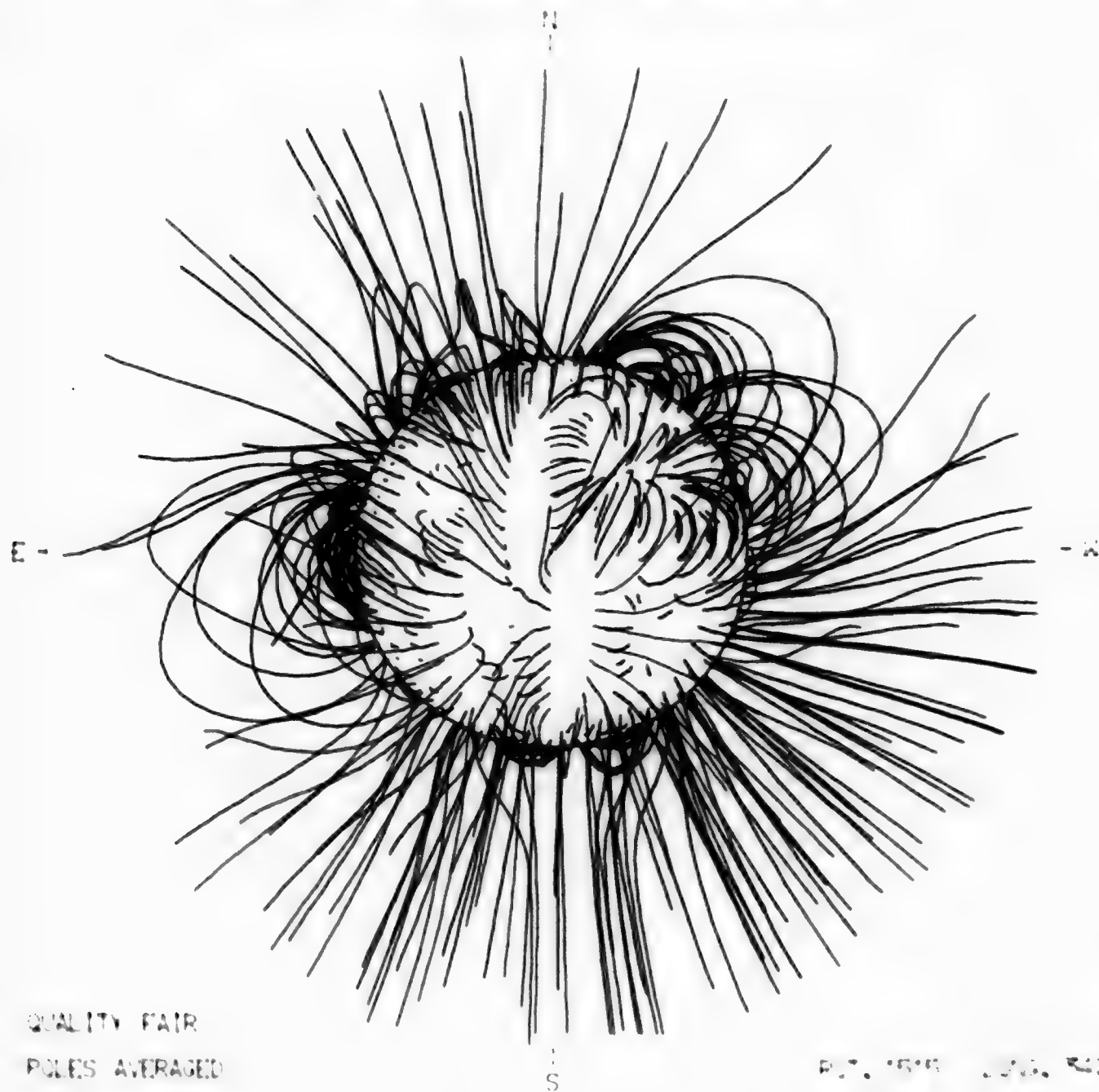


QUALITY FAIR
FILES AVERAGED
DATA WINDOW 1514.47

5

007.1515 0000.000
3.5 DEC 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

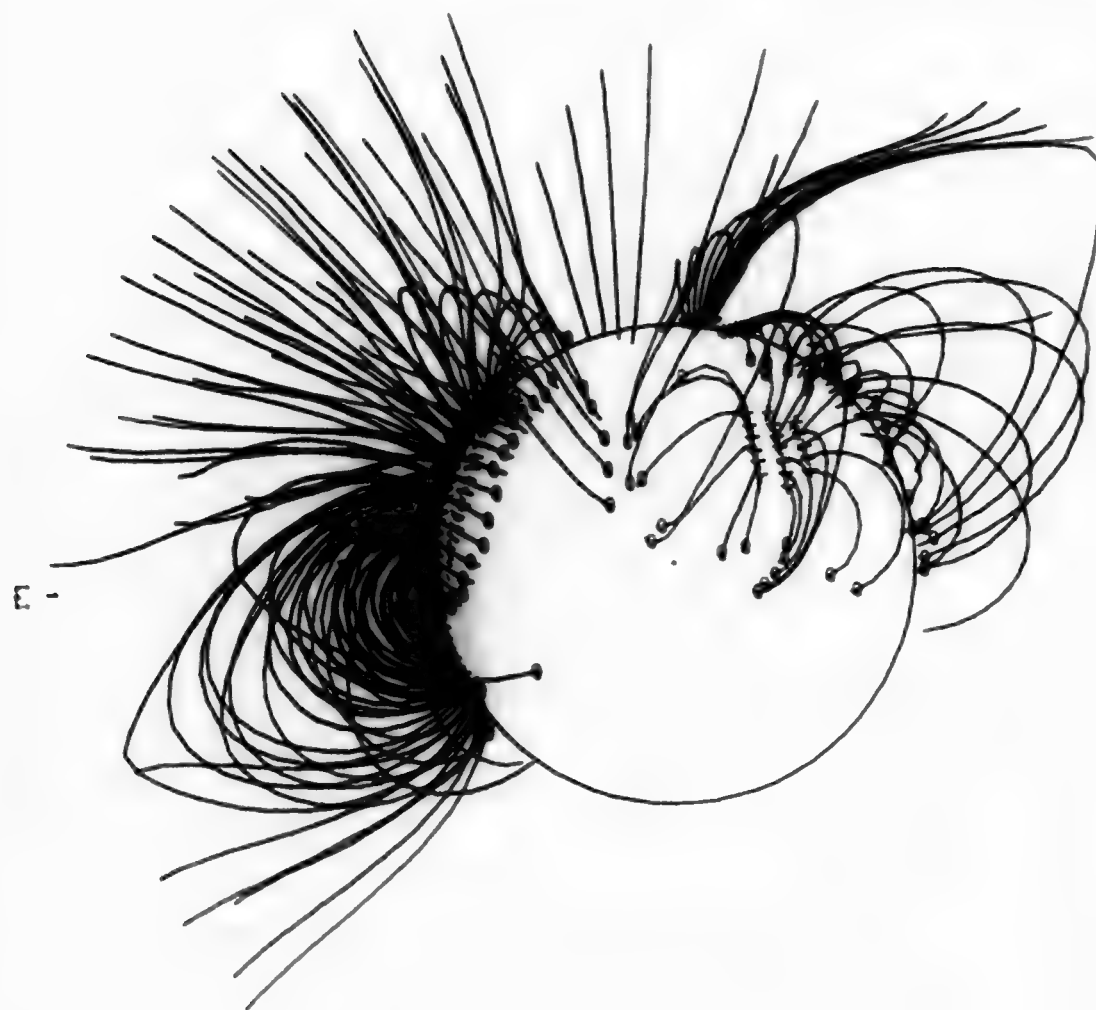
POLES AVERAGED

DATA WINDOW 1514.17

PT. 1514 1514.17

1514.17 1514.17

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

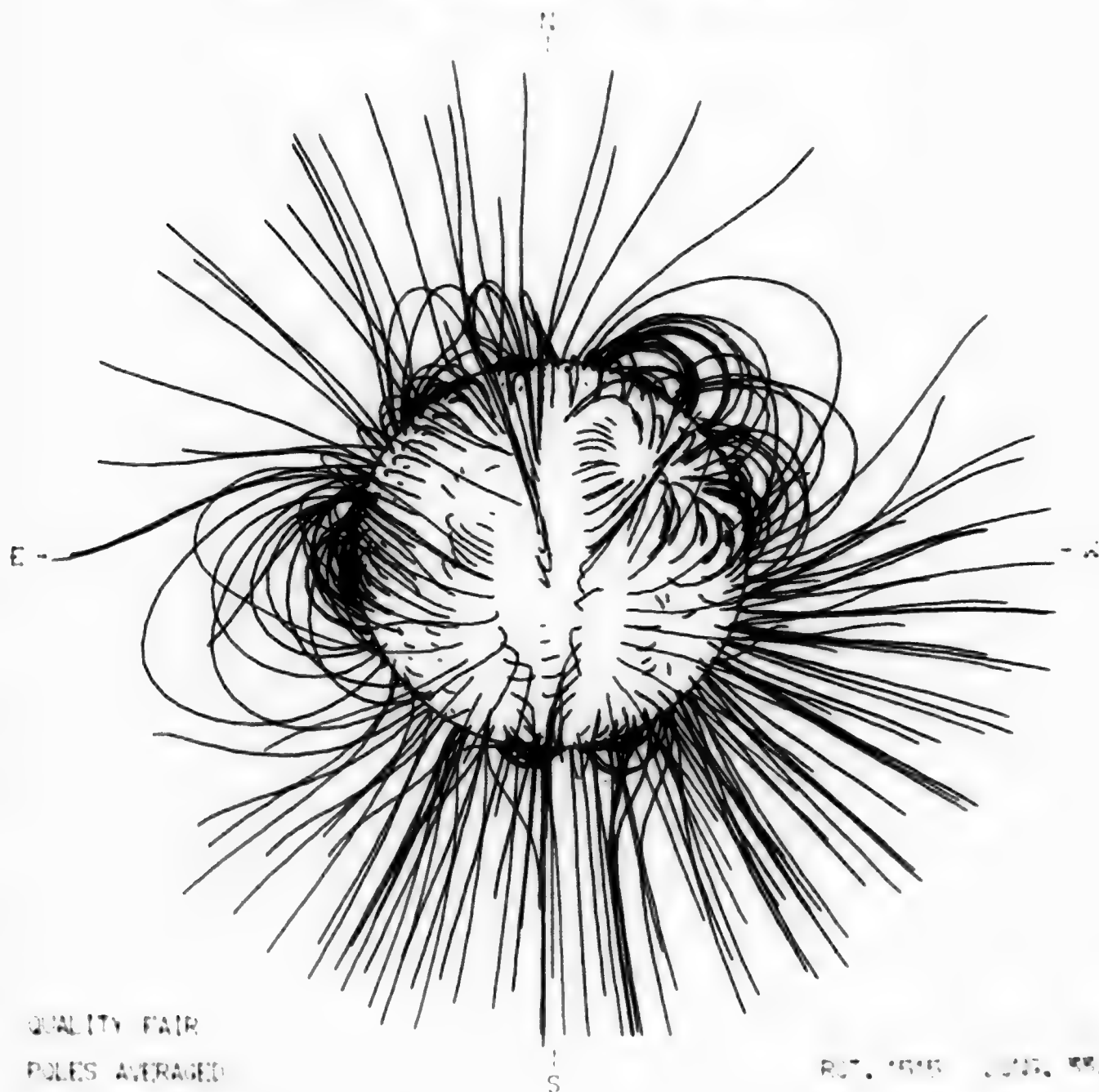


E -

QUALITY FAIR
FILES AVERAGED
DATA WINDOW 1514.47

207.1515 1000.1515
2.1 1000.1515

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1514.07

ROT. 15.15

2015. 1515

4. 15

1515

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

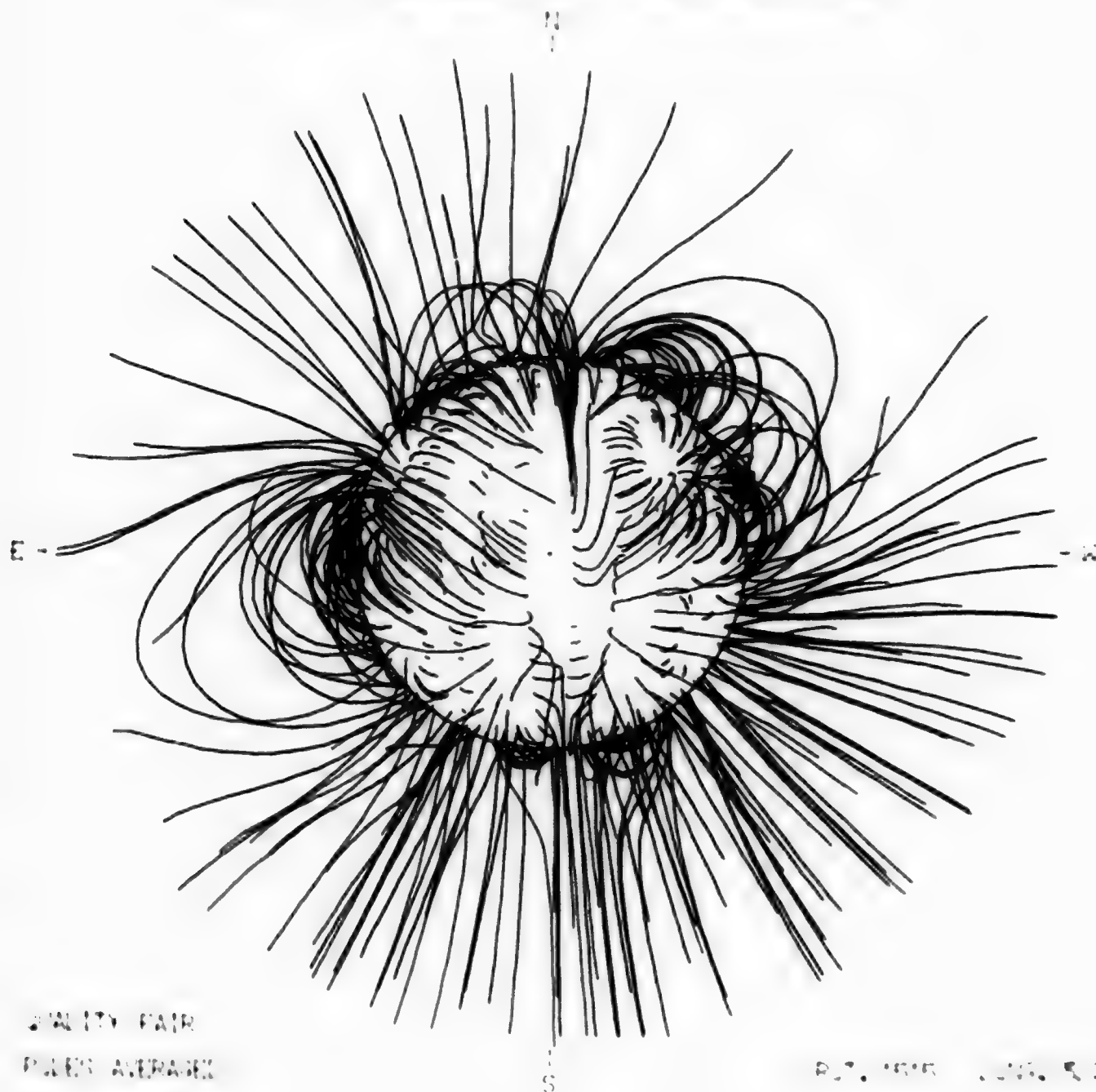
POLES AVERAGED

DATA WINDOW 1984.12

ROT. 1515 LONG. 551°

4.4 (E) 1.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 PALES AVERAGE
 DATA NIKON 1914.5"

2.7. 1914 1.00. 5.0°
 5.0. 1.0 1.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

11
1



QUALITY FAIR

POLES AVERAGED

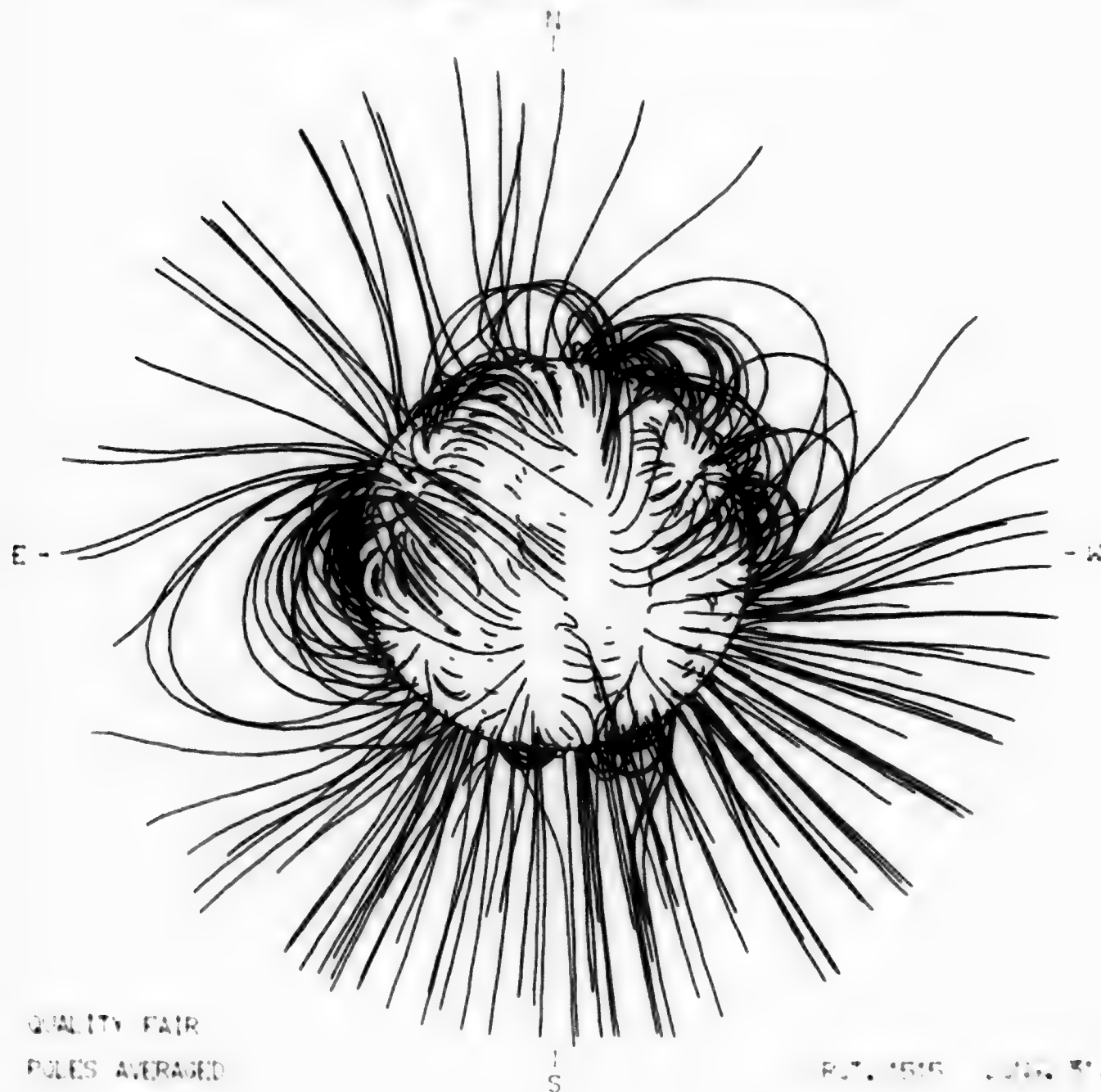
DATA WERE IN 1914.57

1
8

R.T. 1915 1.11.100°

5.6 DEC 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

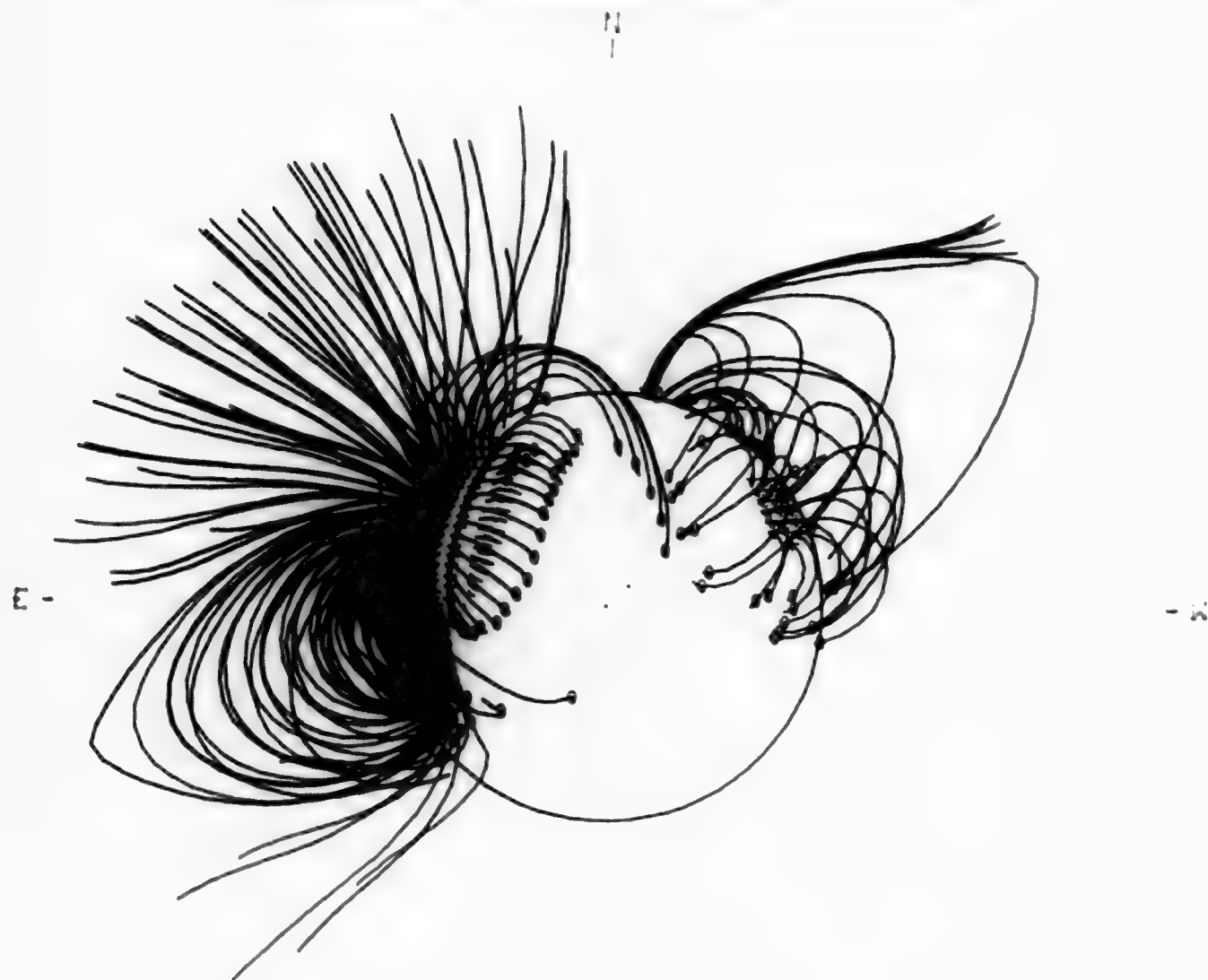
POLES AVERAGED

DATA WINDOW 1911.10

PLT. 1515 1011.10

6.4 DEC 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



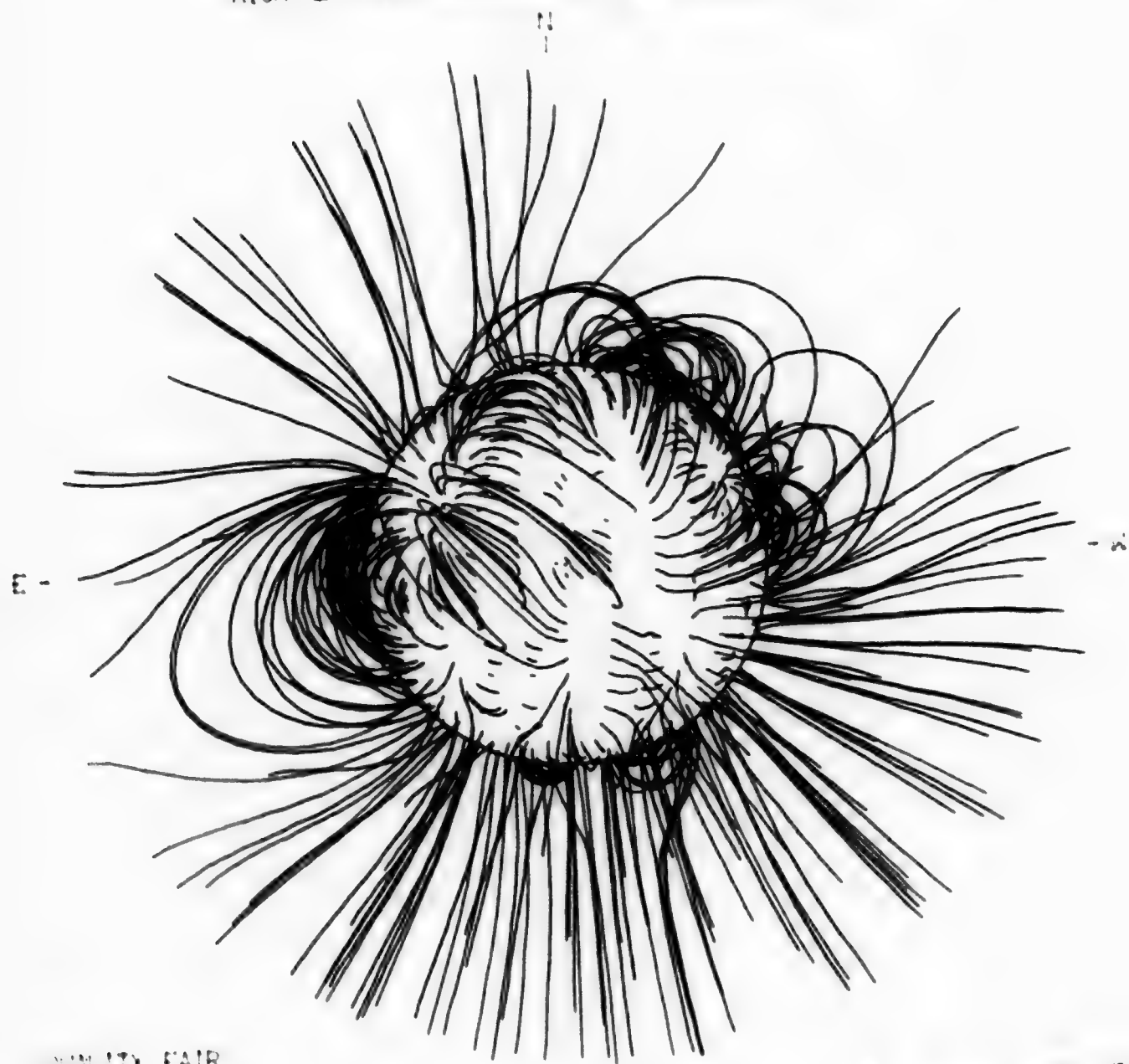
QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1514.47

207.15.5 100.5.5
5.4 100.5.5

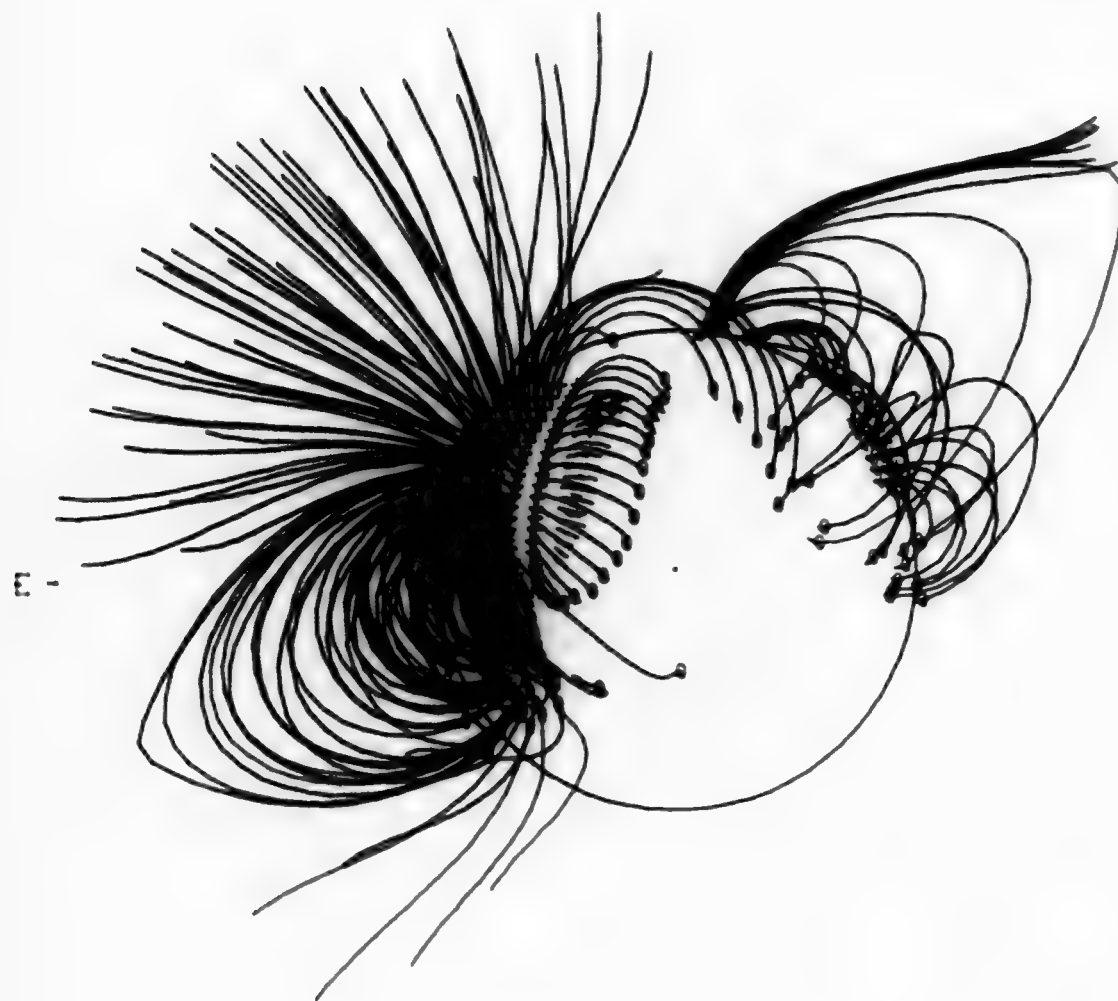
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES AVERAGED
DATA WINDOW 1514.47

RT. 1515 LGS. 300°
7. 12 100

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

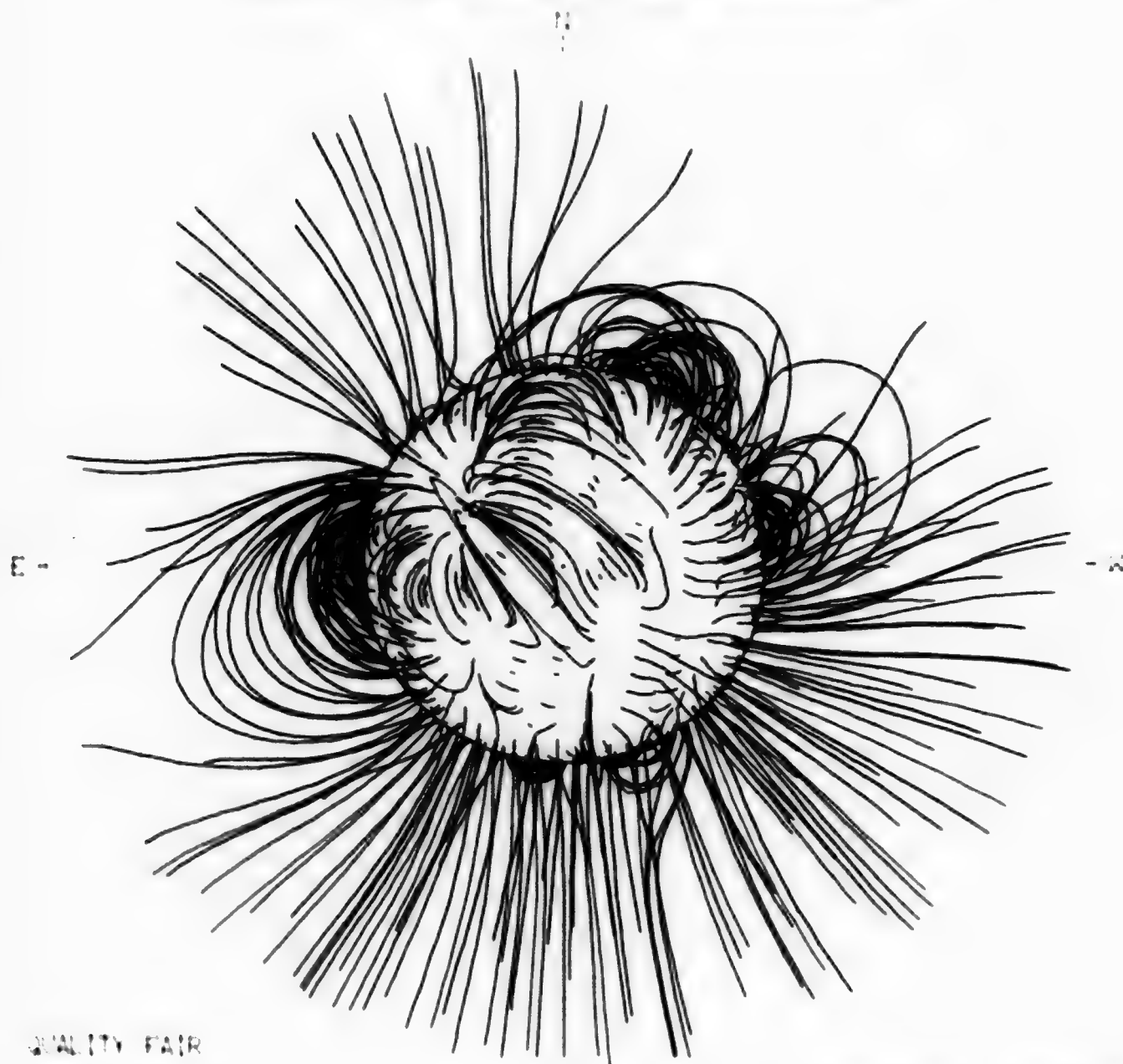
RULES AVERAGED

DATA WINDOW 1514.57

R.T. 1515 1.10. 300

1. 10 1.10

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

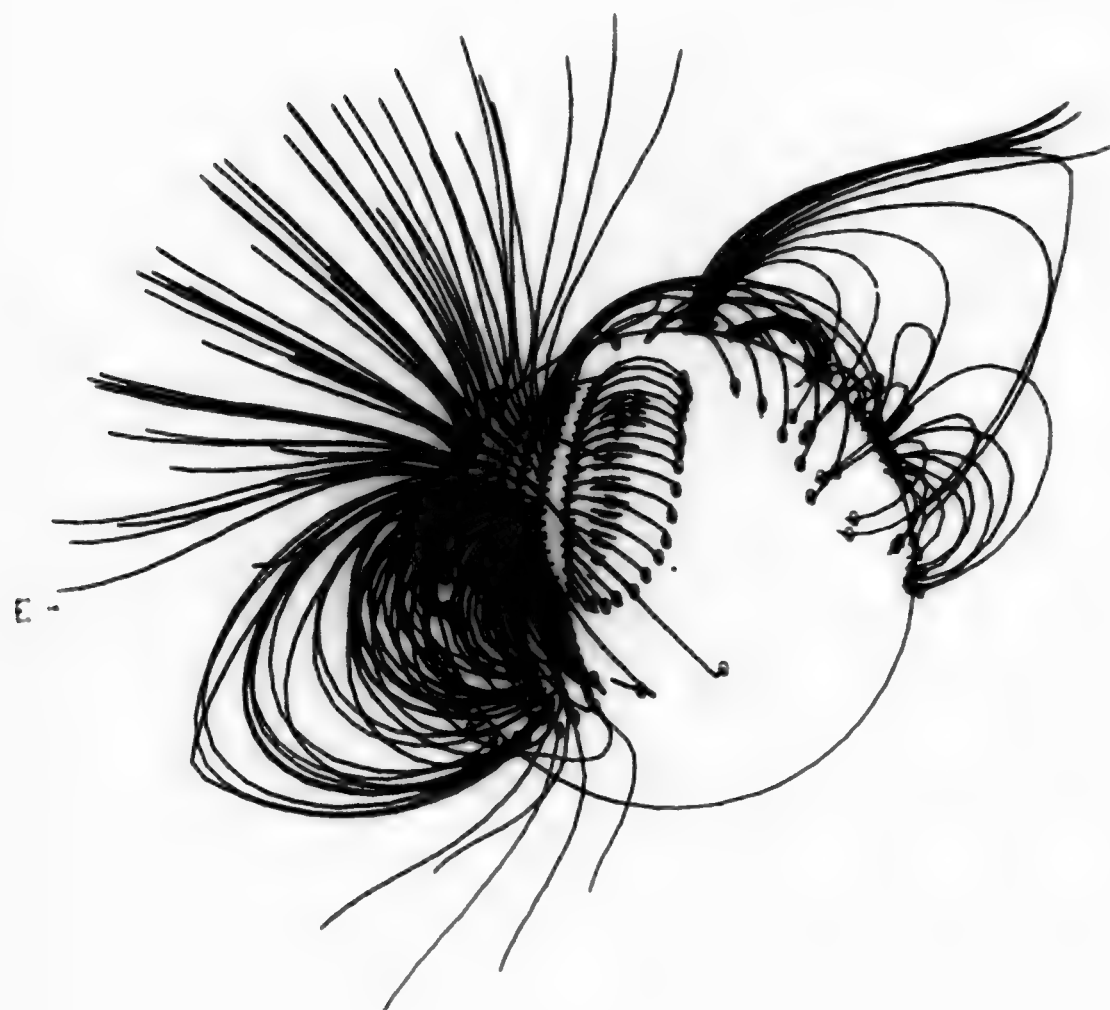
POLES AVERAGED

DATA WINDOW 1514.4"

PLT. 1514 1514.4"

7.4 DEC 1965

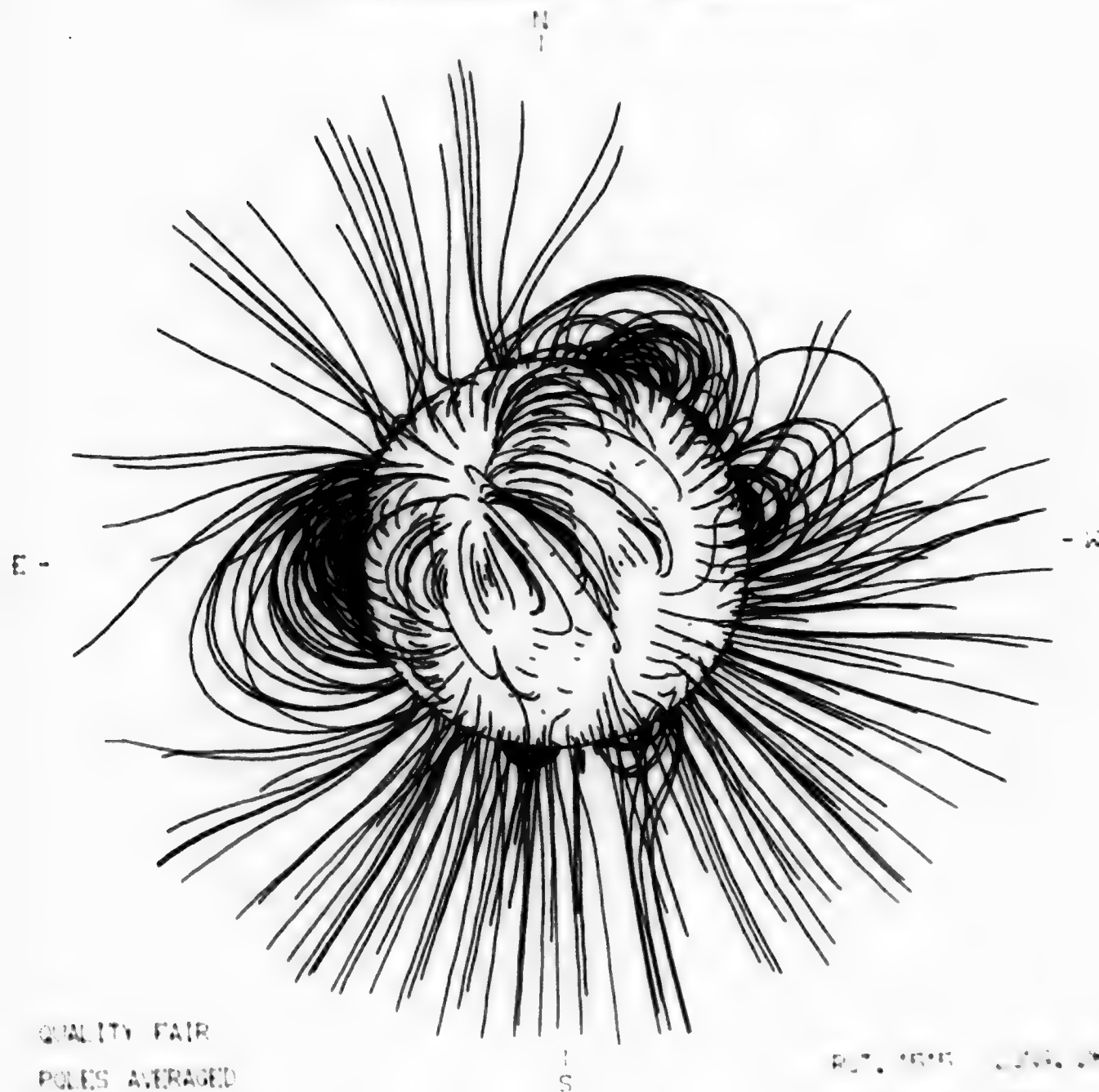
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 PLOTS AVERAGED
 DATA RUN IN 1914.07

RET. 15.15 100.00
 10.15 100.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

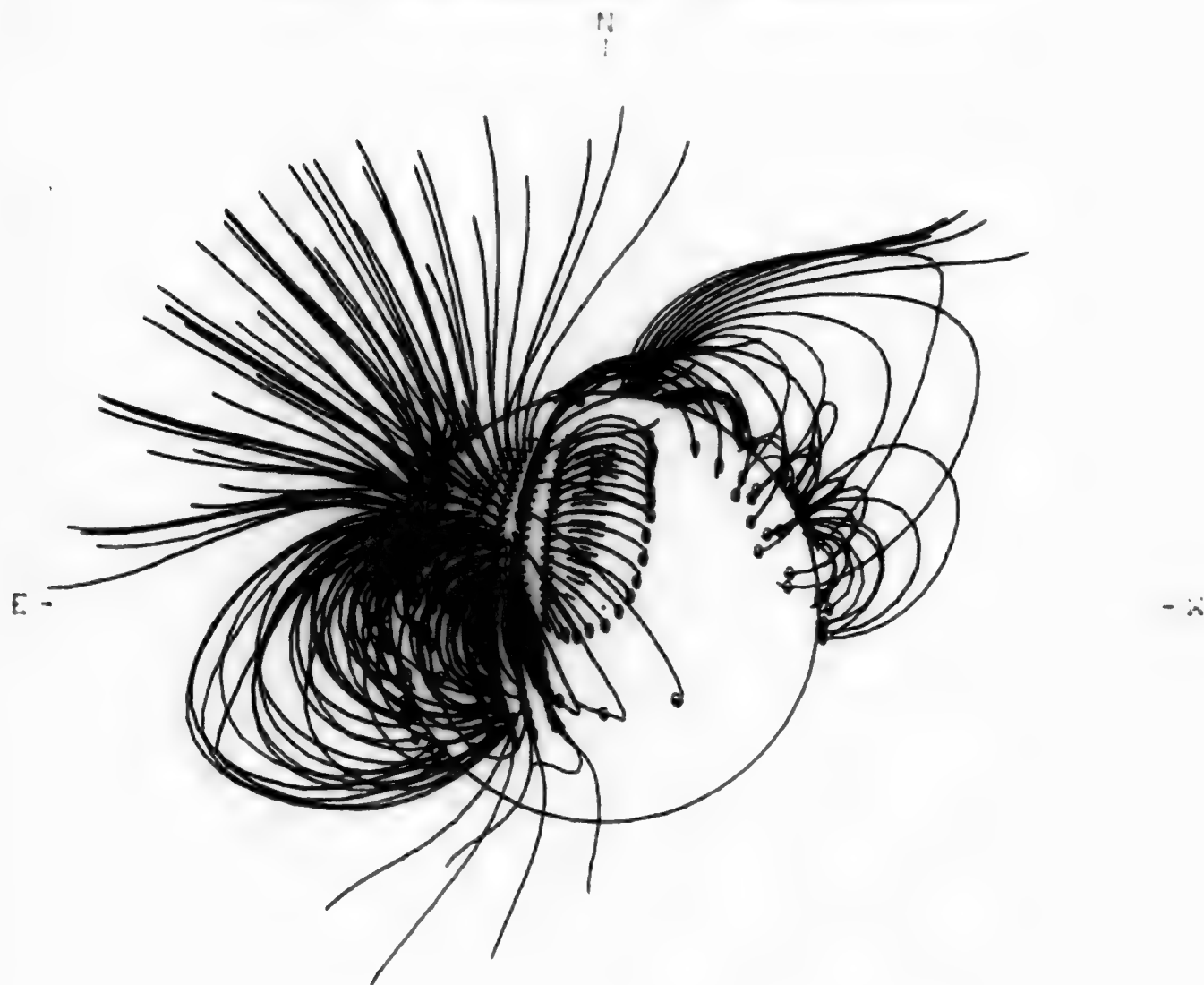
POLES AVERAGED

DATA WINDOW 1514.47

R.T. 1978 1000.000

H.6 1000.000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

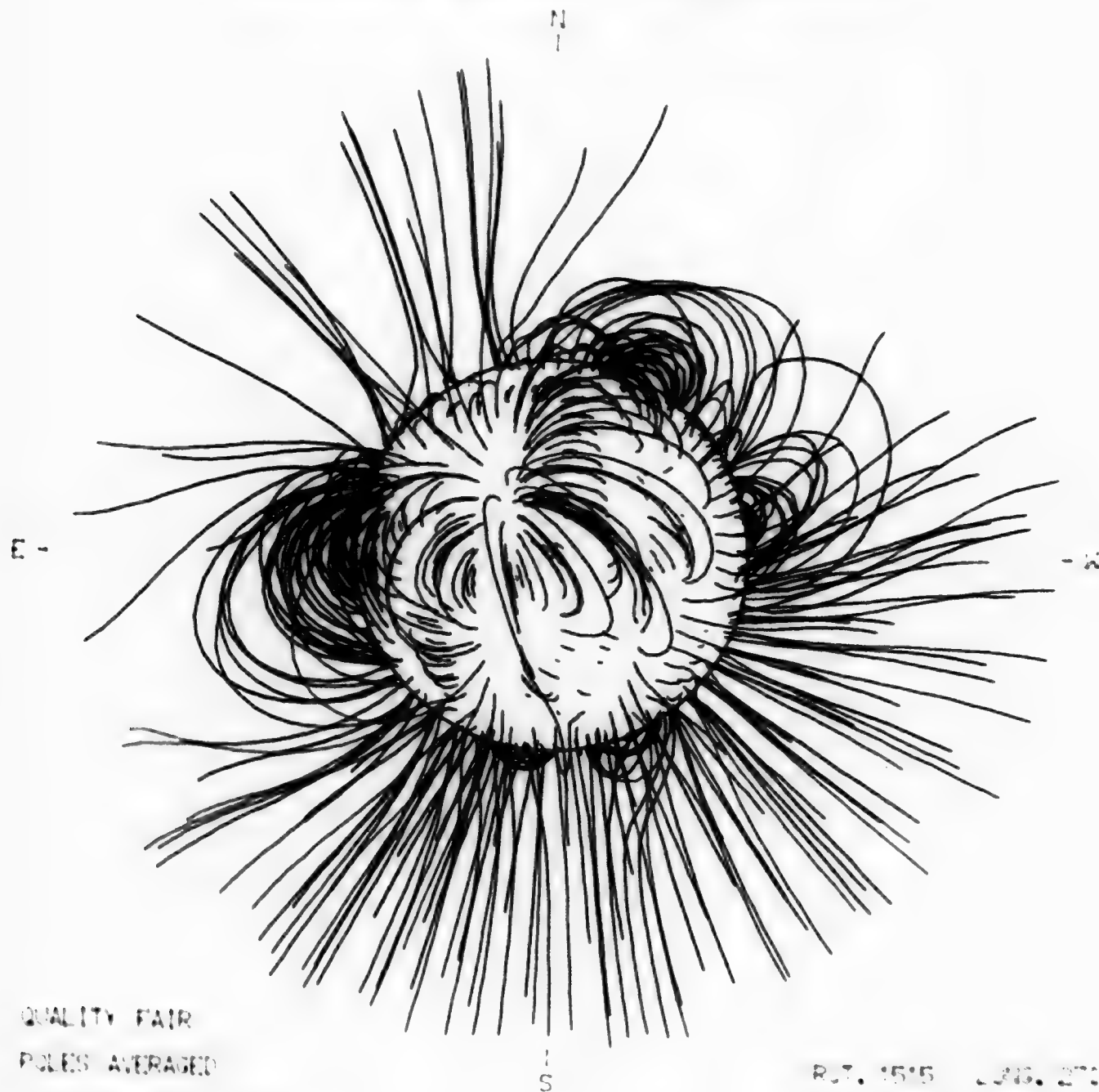
FILES AVERAGED

DATA WINDOW 1514.07

607.1515 1.000.000

8.6 DEC 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES AVERAGED

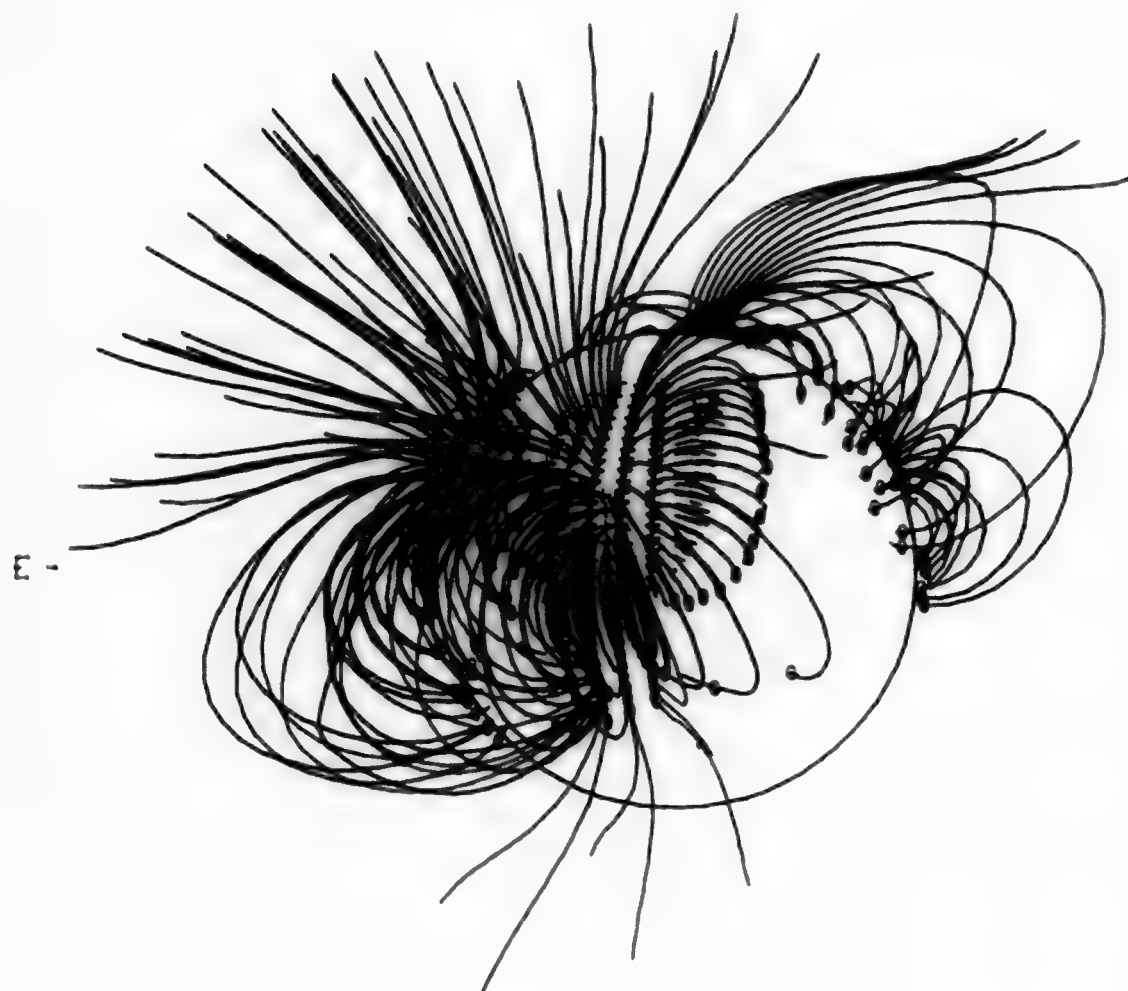
DATA WINDOW 1514.47

RJT. 1515 2010. 271°

9.4 DEC 1996

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
|



E -

QUALITY FAIR

POLES AVERAGED

DATA WINDOW 1914.47

1
S

REF. 1915

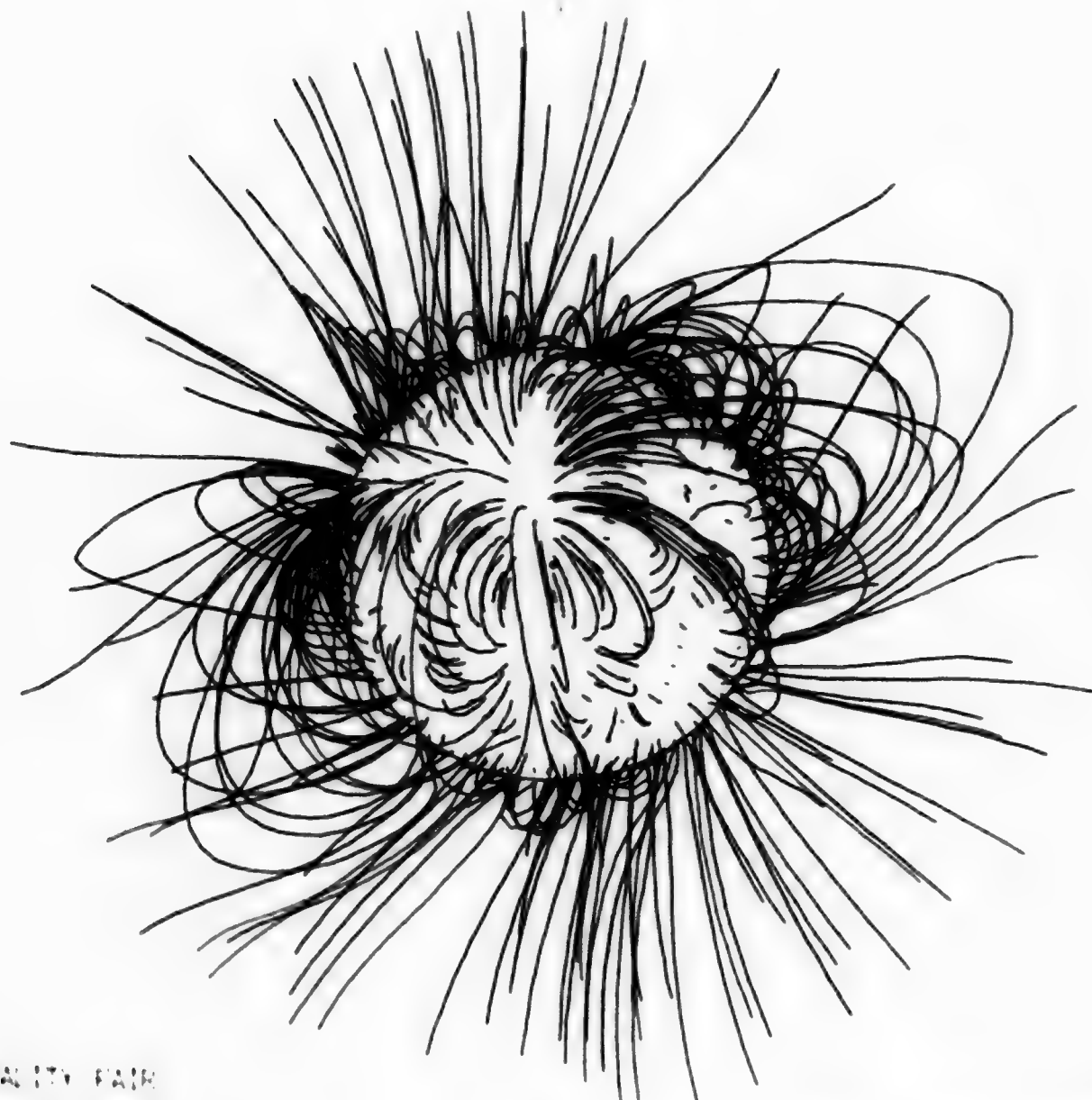
LONG. 1915

4.4 (E)

1915

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

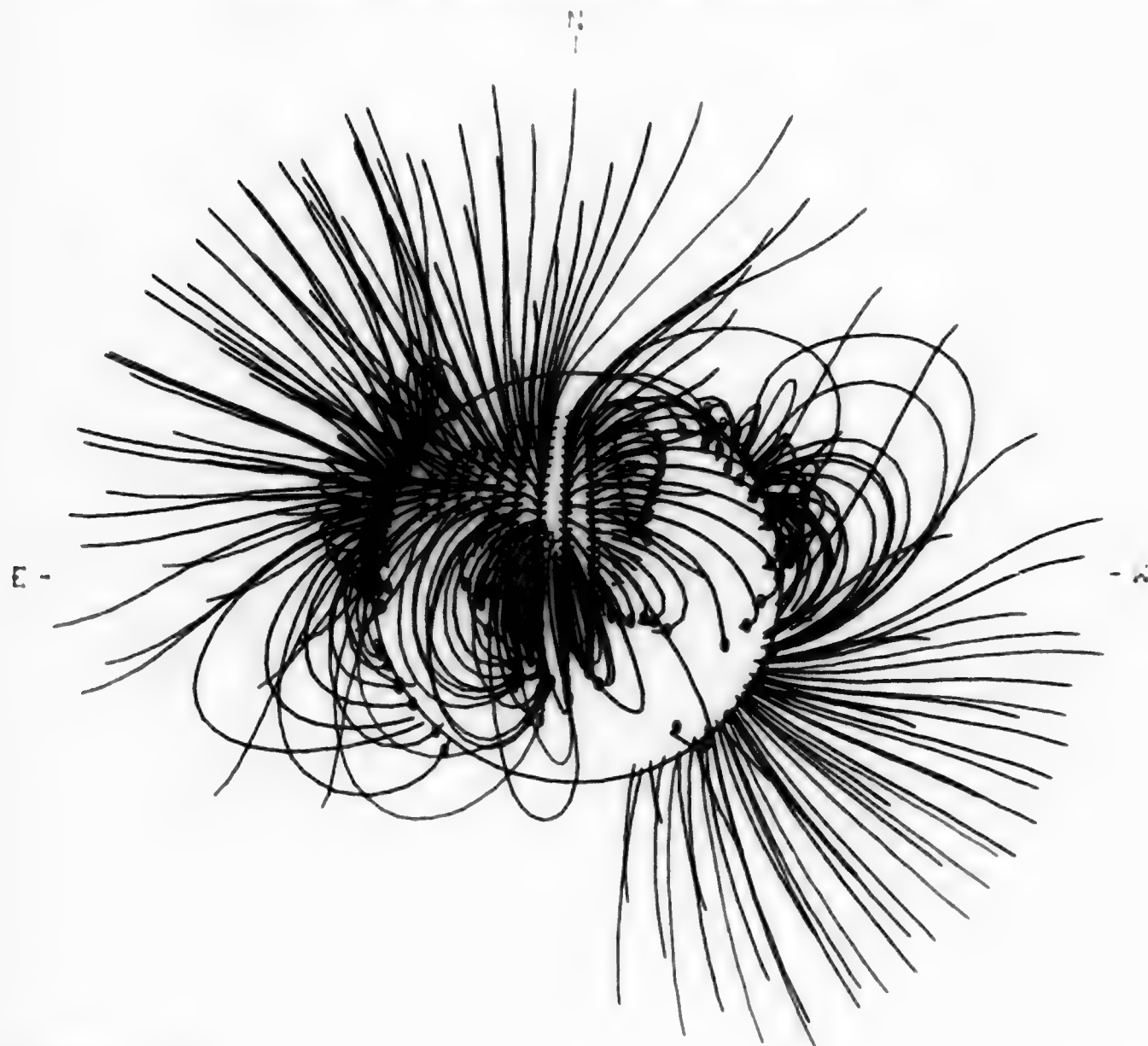
EXCELLENT SERVICE

DATA WINDOW 1515.00

EST. 1915 1000.00

1000.00 1000.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

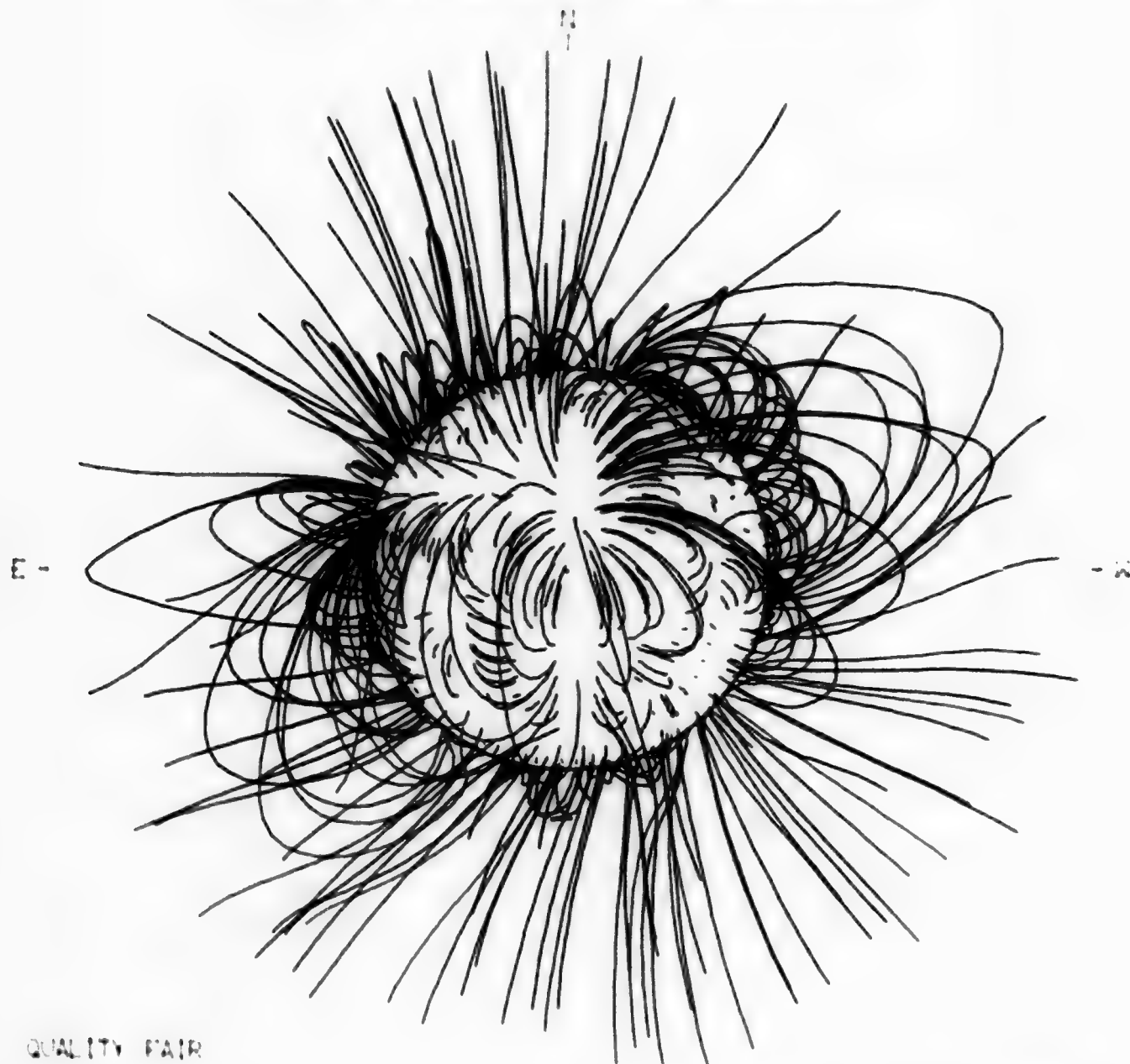
PLACES DIRECT

DATA NUMBER 1515.00

REF. 1515 1515.00

1515.00 1515.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

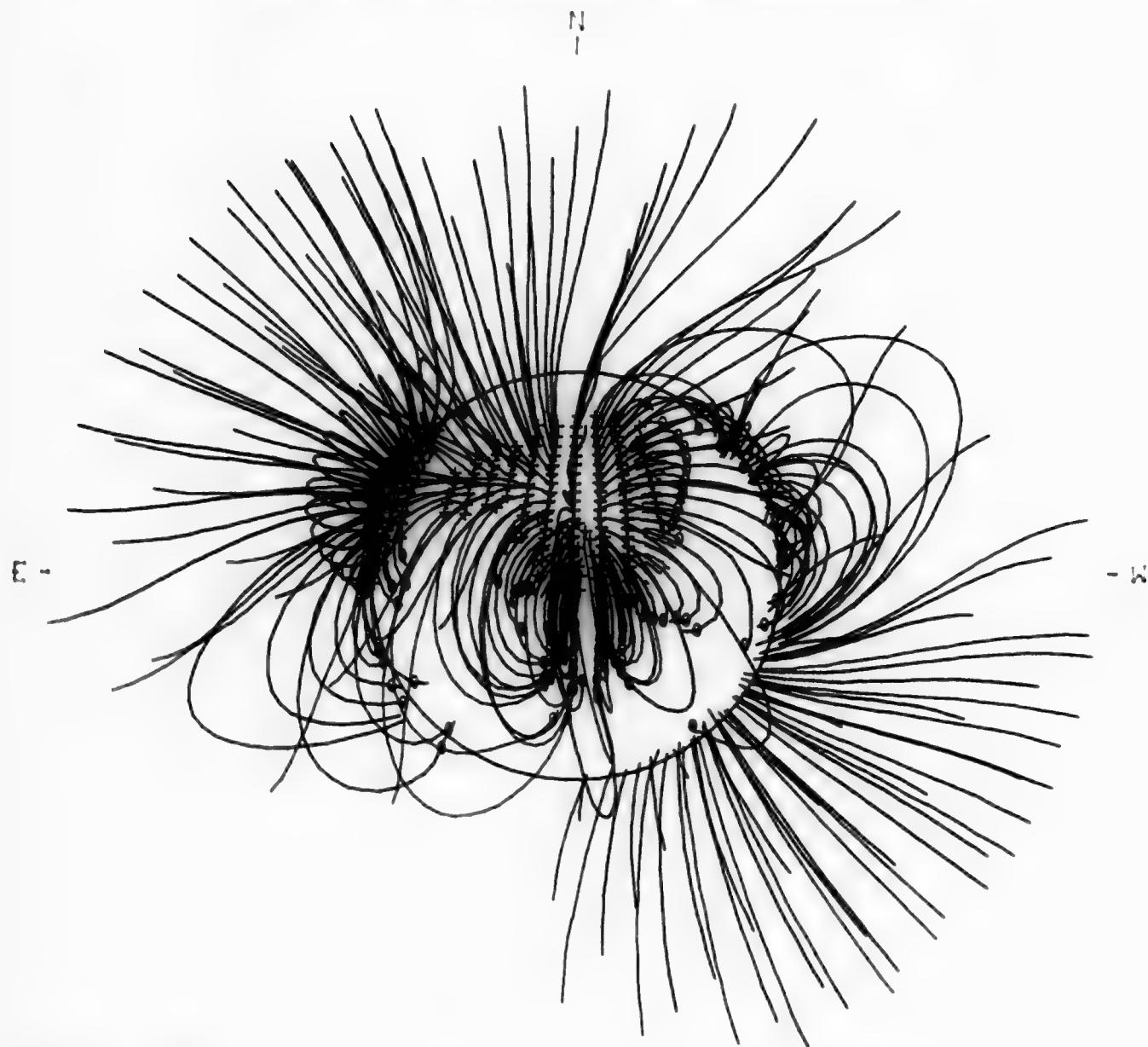
DATA WINDOW 1515.00

S

RUT. 15.5 2015.250

10.9 DEC 1965

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

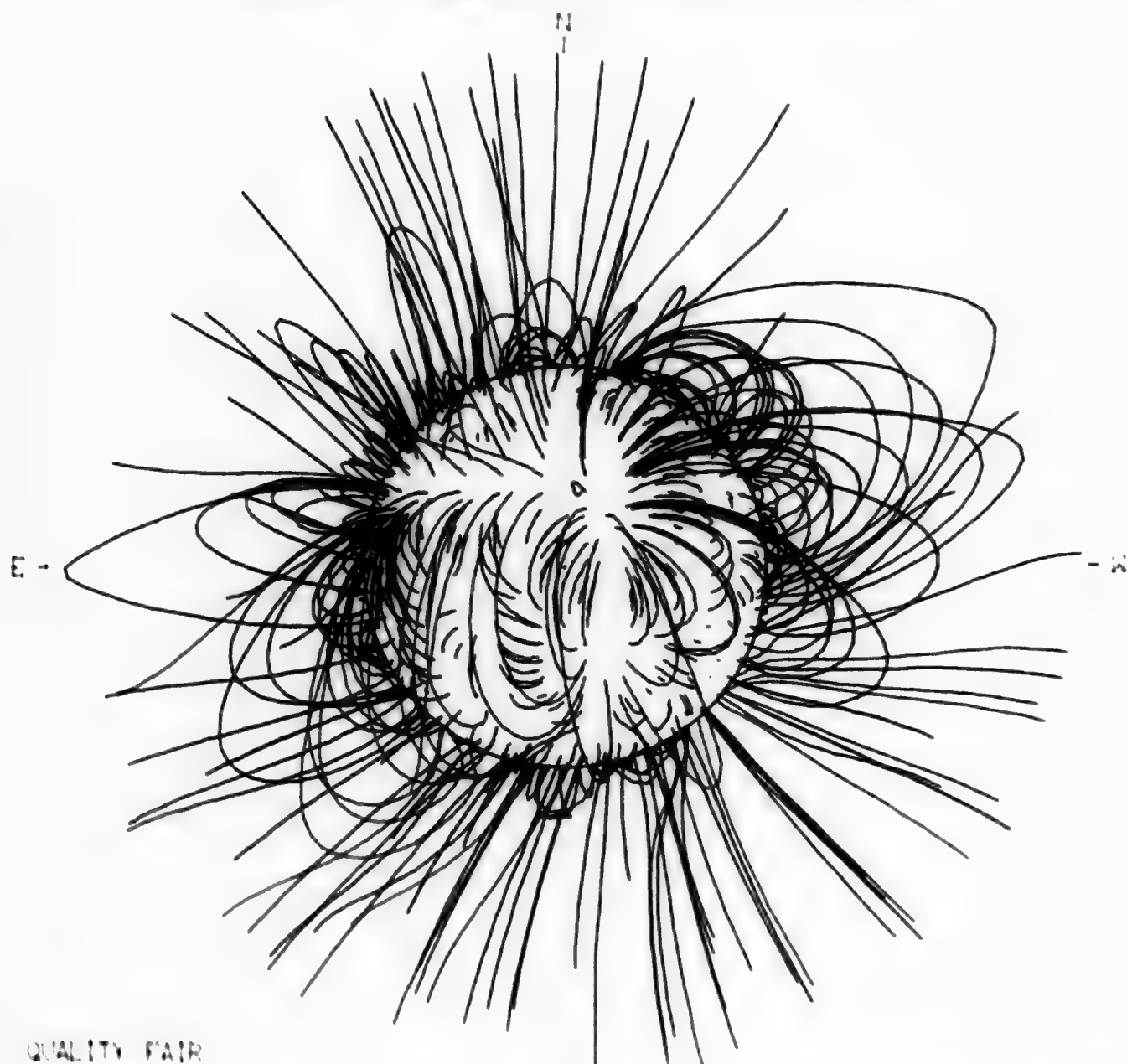
DATA WINDOW 1515.00

1
S

ROT. 1515 1515.050°

10.9 DEC 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

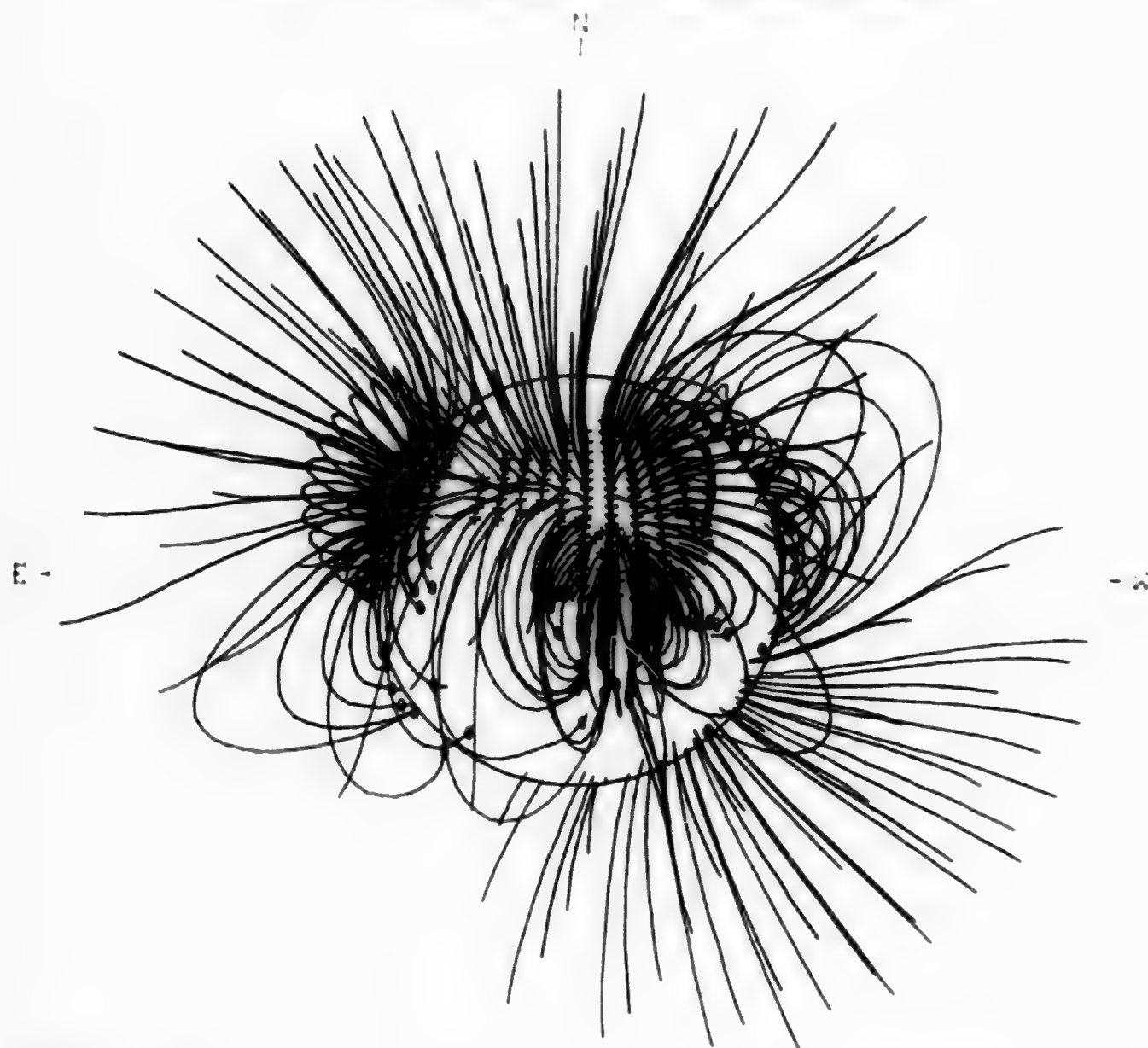
POLES DIRECT

DATA WINDOW 1515.00

1
5

RCT. 1515 1515.00
... 1515 1515.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

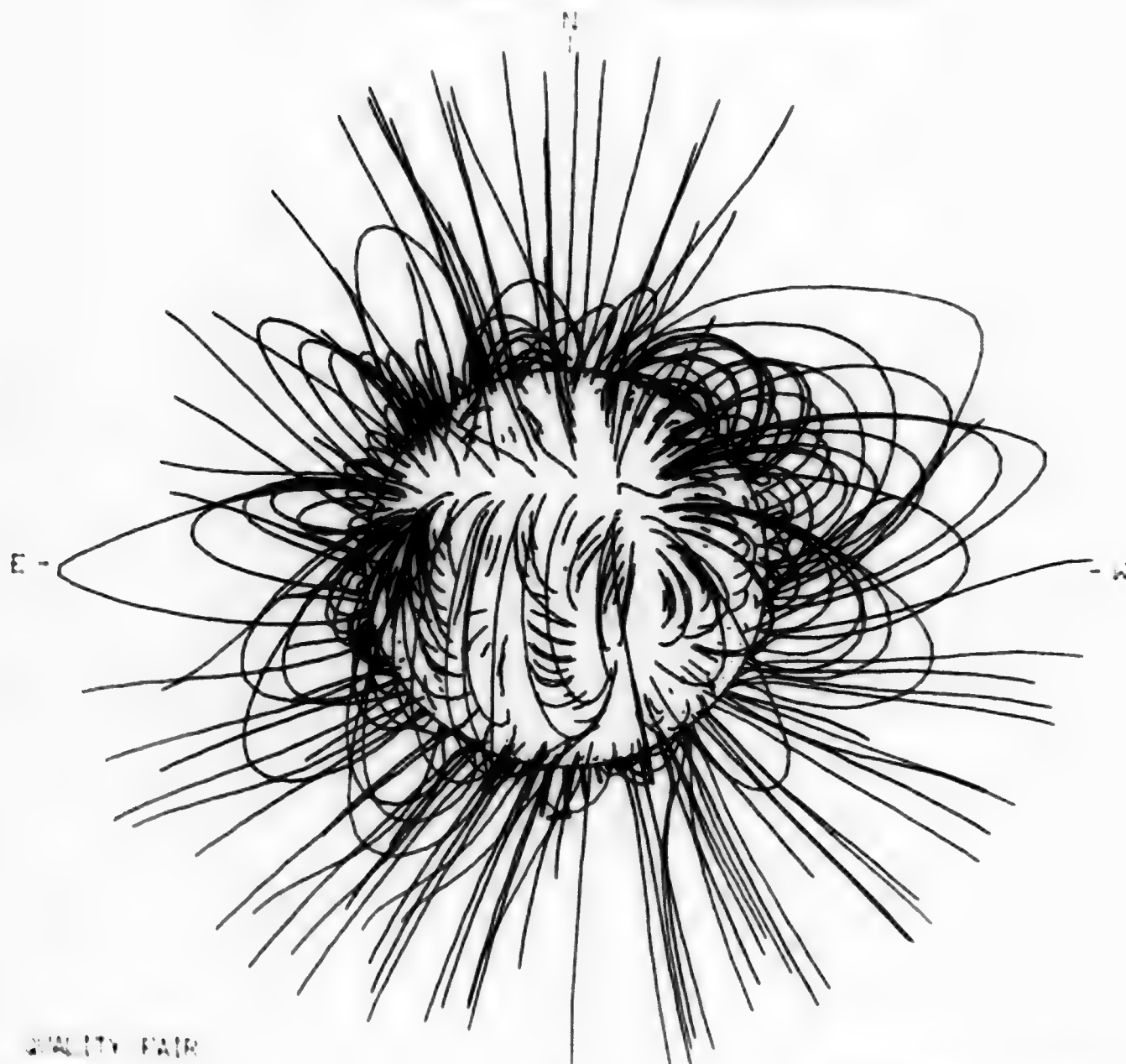
PURE'S DIRECT

DATA WINDOW 1515.00

S

REPT. 1515 1000.000°
10.7 100 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



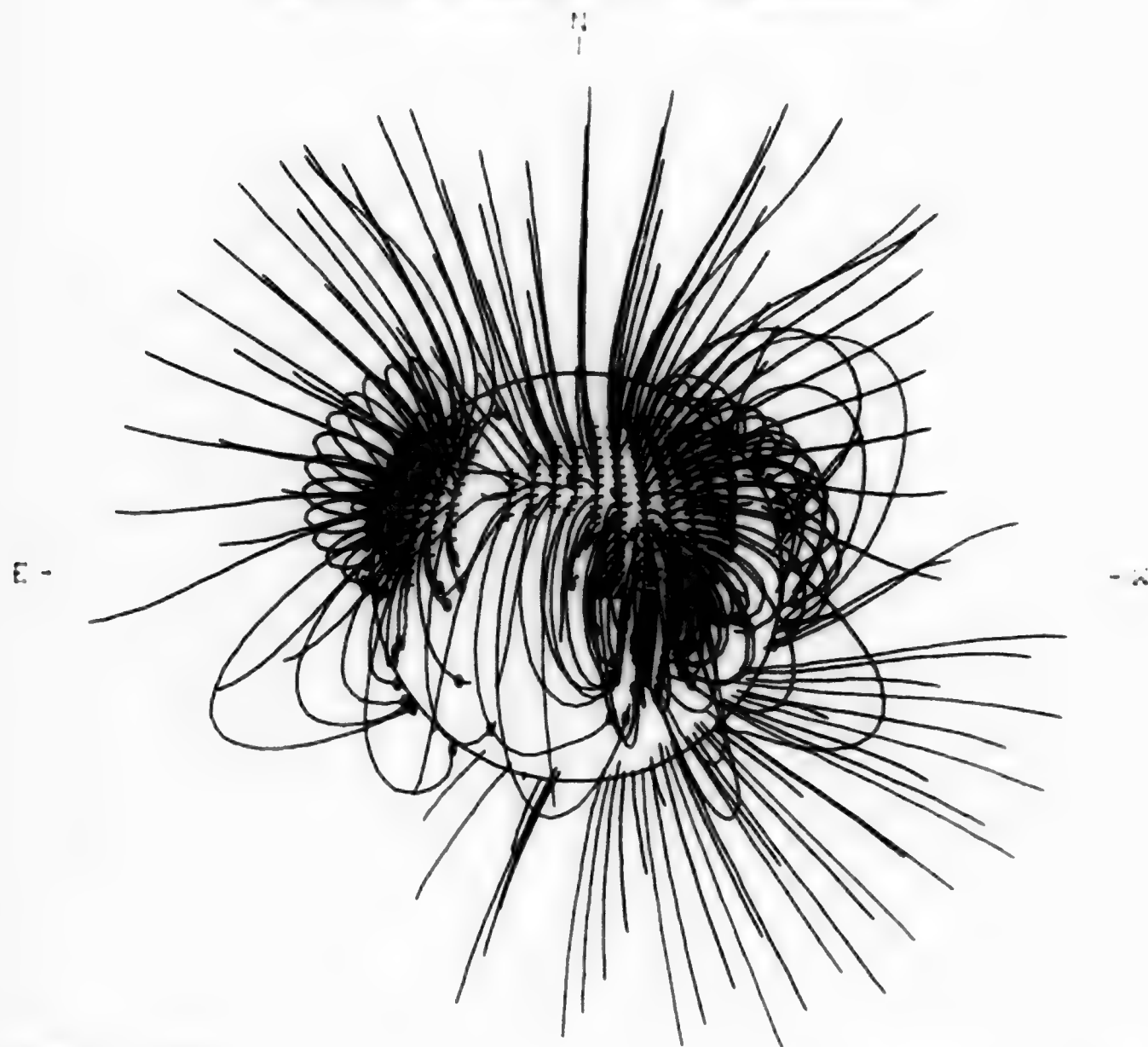
QUALITY FAIR

POLES DIRECT

DATA WINDOW 1515.00

R.T. 1515 1515.00°
1515 1515.00°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



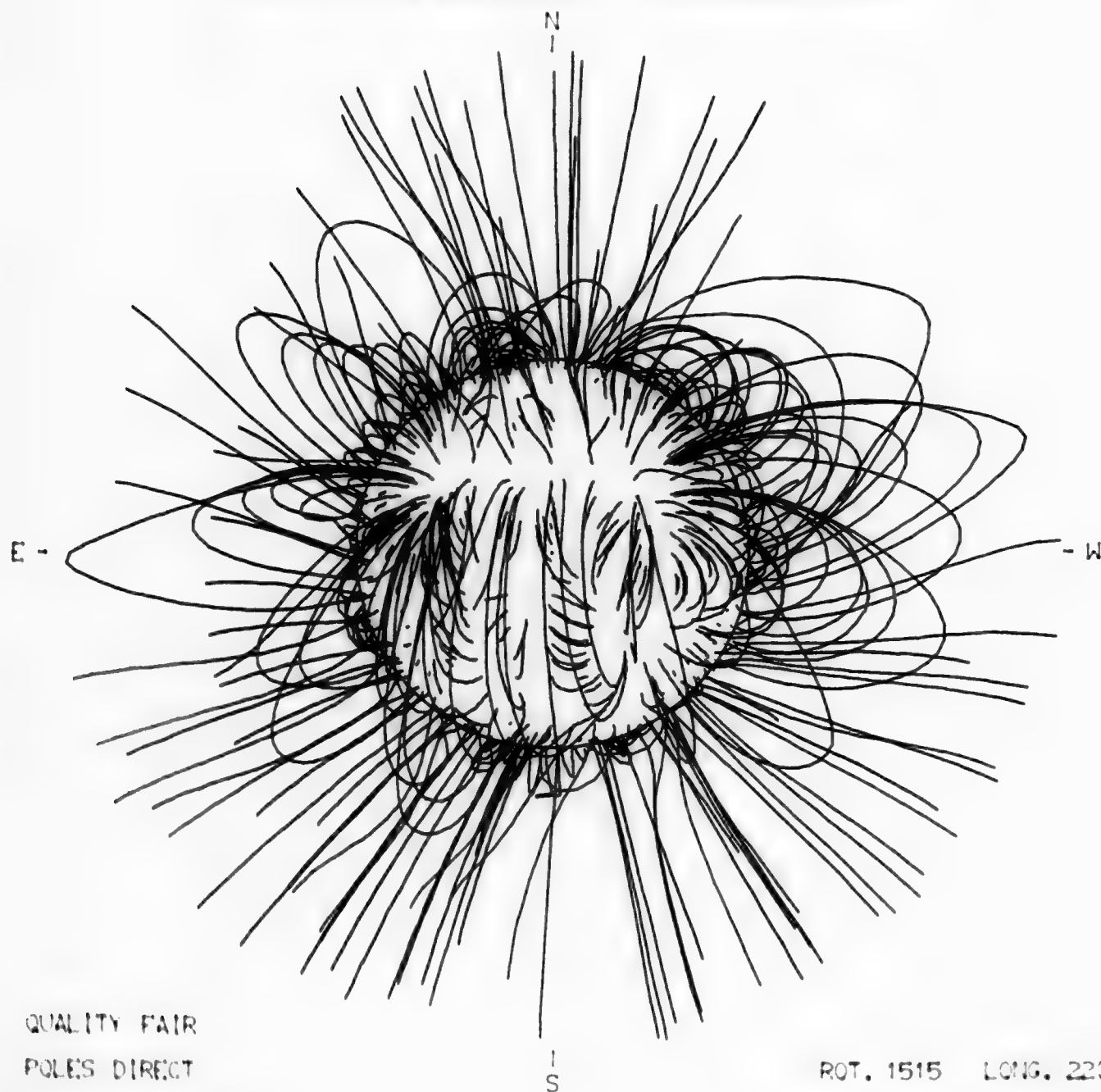
QUALITY FAIR

POLES DIRECT

DATA WINDOW 1515.00

RJT. 1515 1000.000
12.5 DEC 1995

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

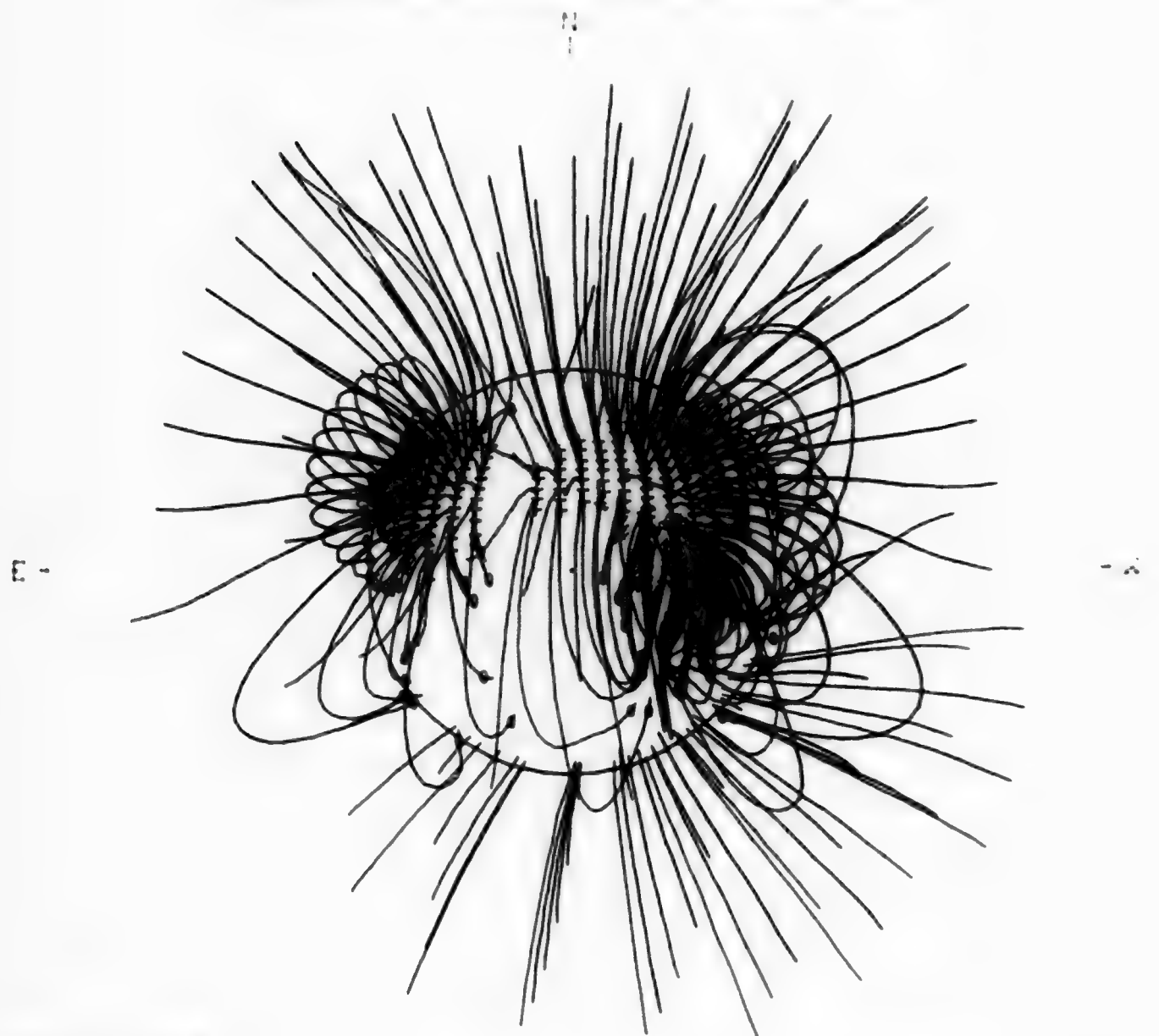
POLES DIRECT

DATA WINDOW 1515.00

ROT. 1515 LONG. 220°

13.2 DEC 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

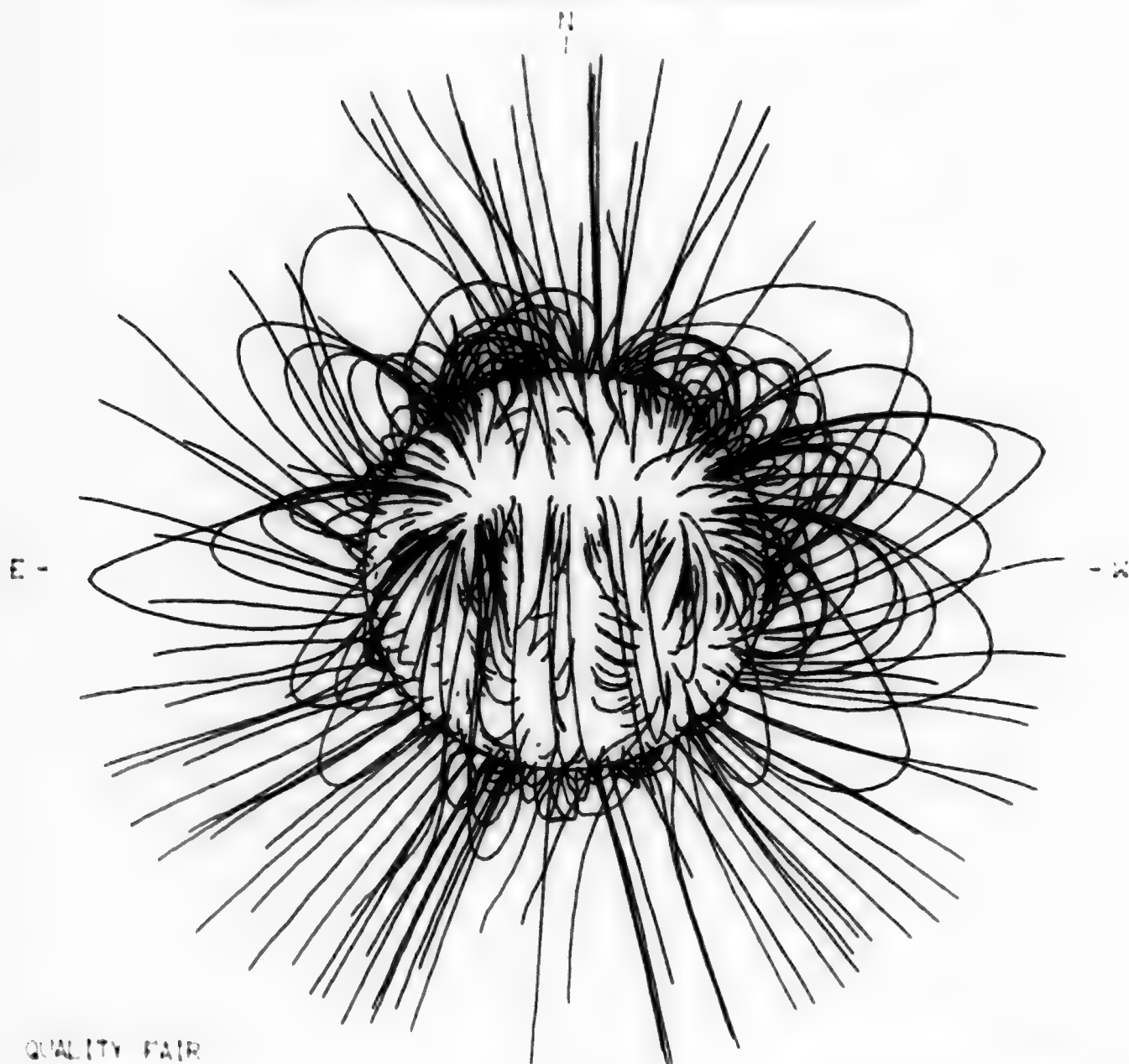
DATA WINDOW 1515.00

S

R.T. 1515 100.000°

13.2 DEC 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1515.00

1
S

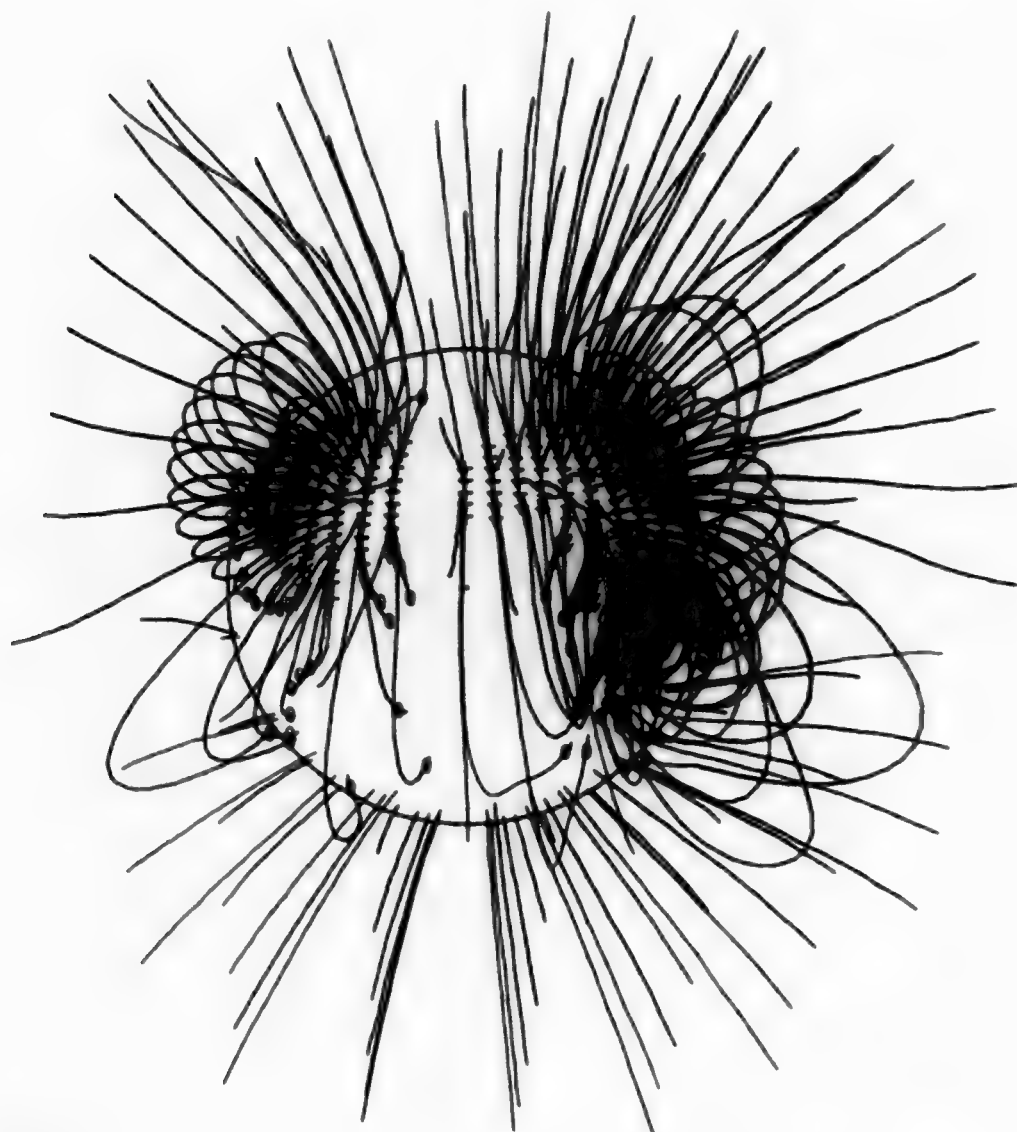
RCT. 1515 LONG. 210°

15.0 15.0 15.0

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
1

E -



QUALITY FAIR

POLES DIRECT

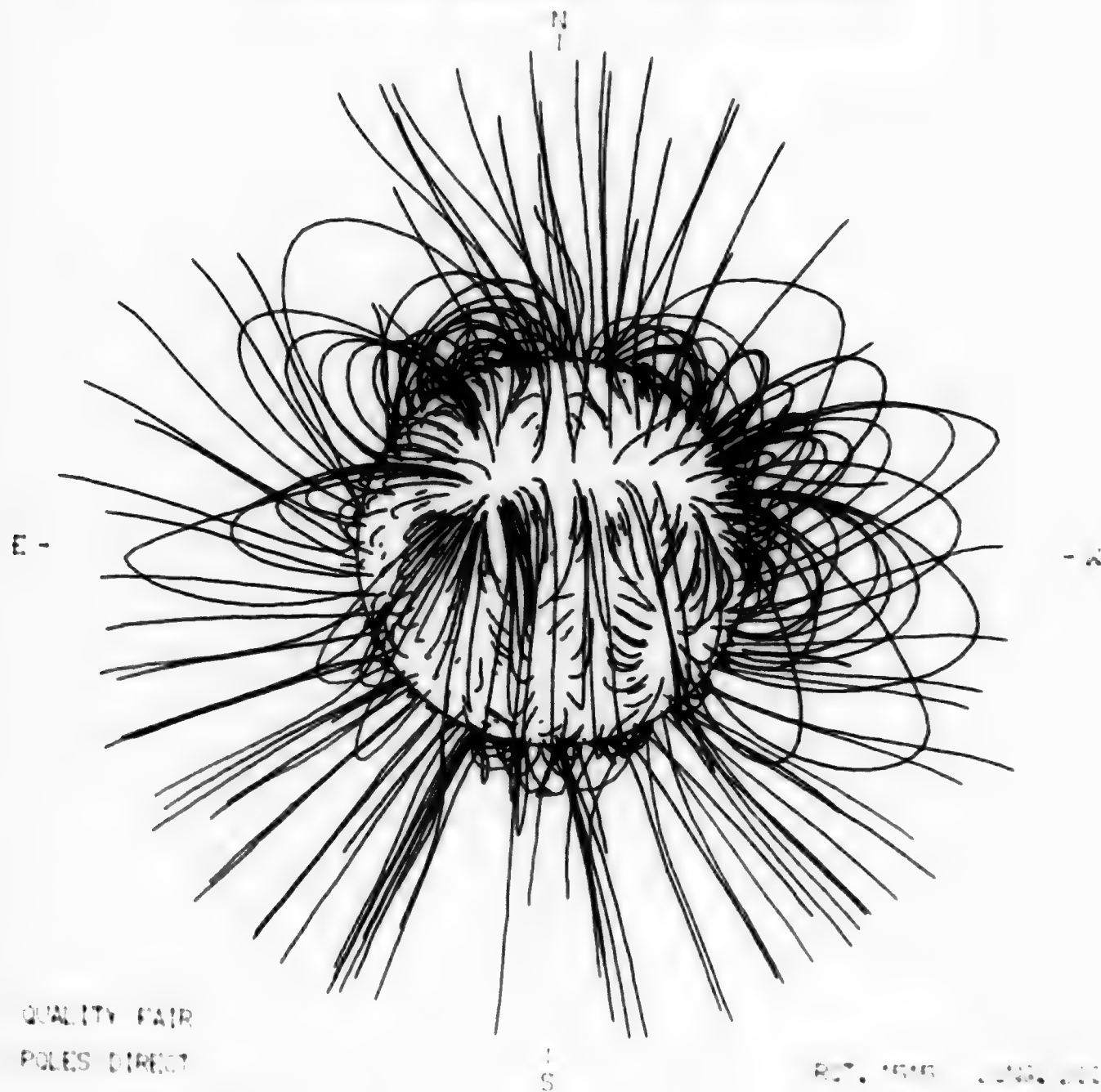
DATA WINDOW 1515.00

1
S

RUT. 1515 1015.210

14.0 DEC 1996

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

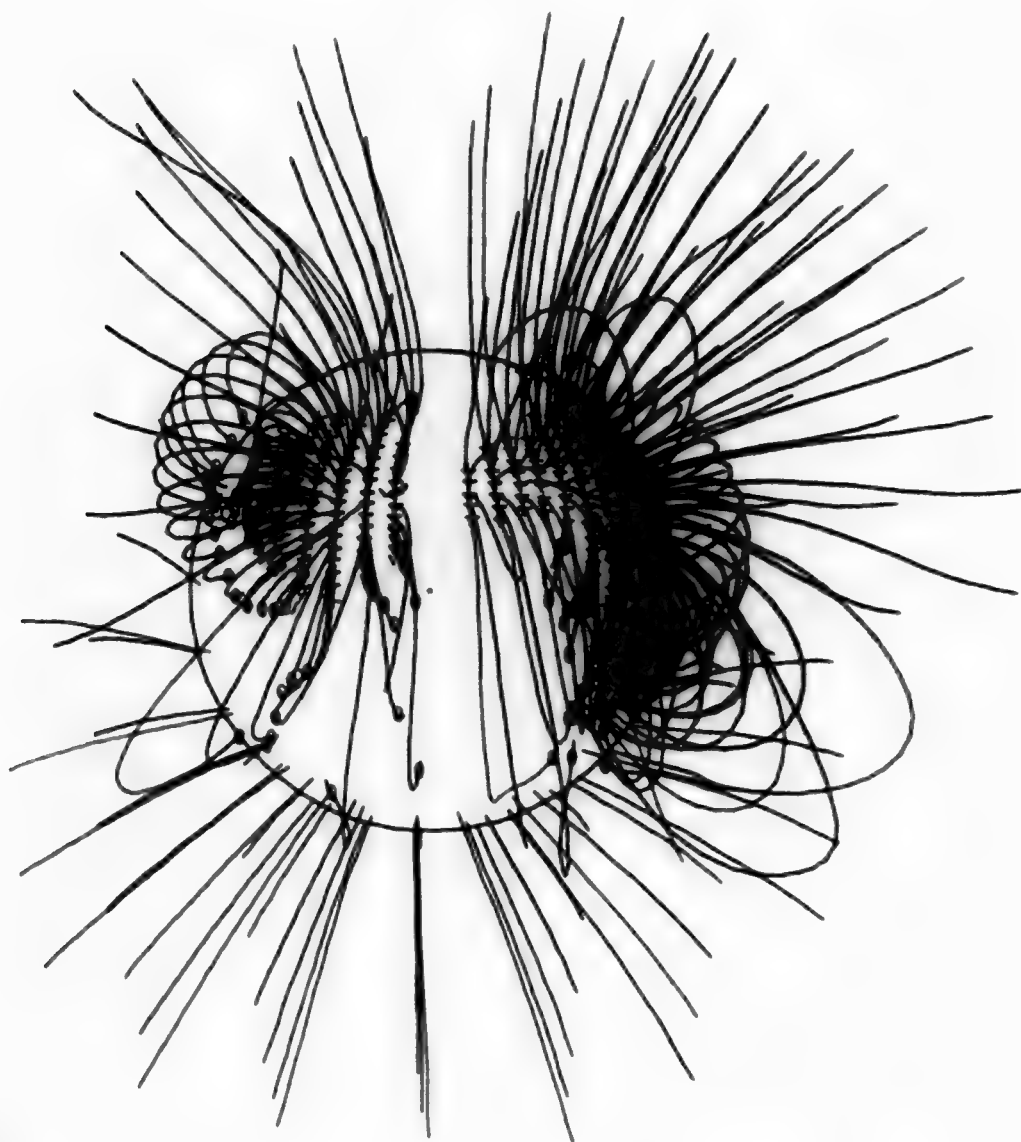
DATA WINDOW 1515.00

REF. 1945 1946. 1947
1948 1949 1950

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

E -



QUALITY FAIR

FILE'S DIRECT

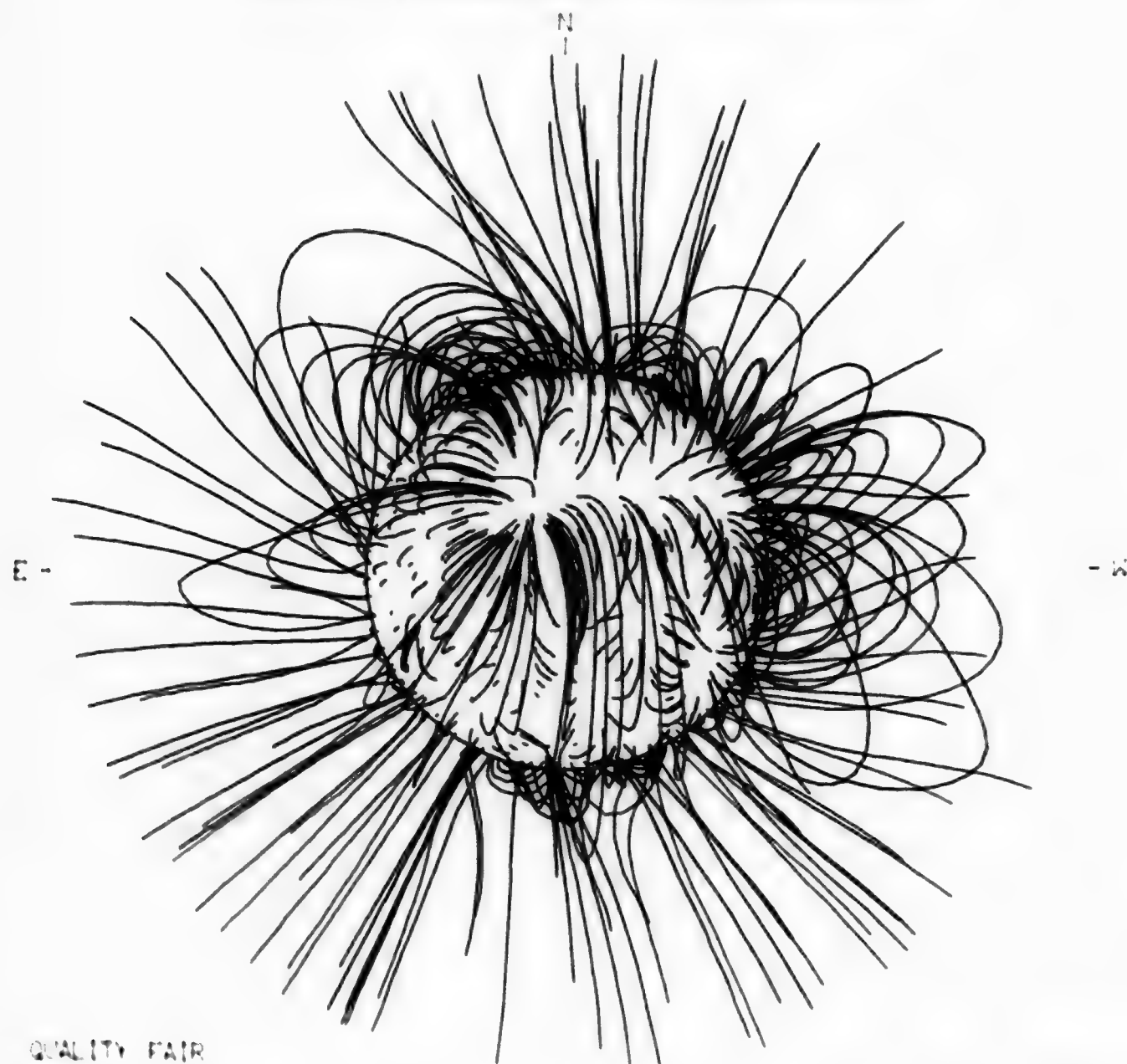
DATA WINDOW 1515.00

S

ROT. 1515 1.000.000°

14.7 10. 1.000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1515.00

S

ROT. 1515

1515.00

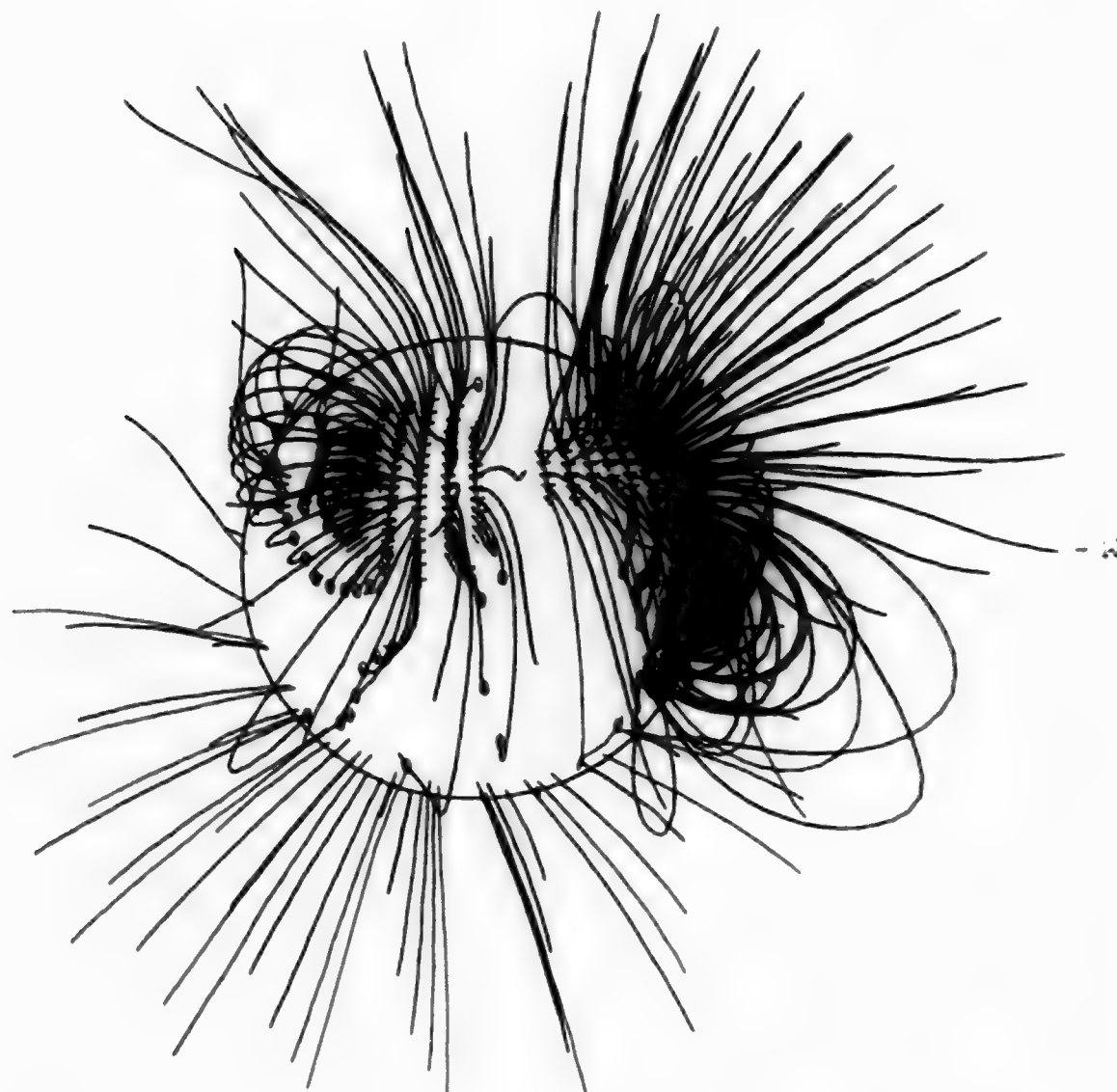
15.5 (E)

15.5 (E)

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
1

E -



QUALITY FAIR

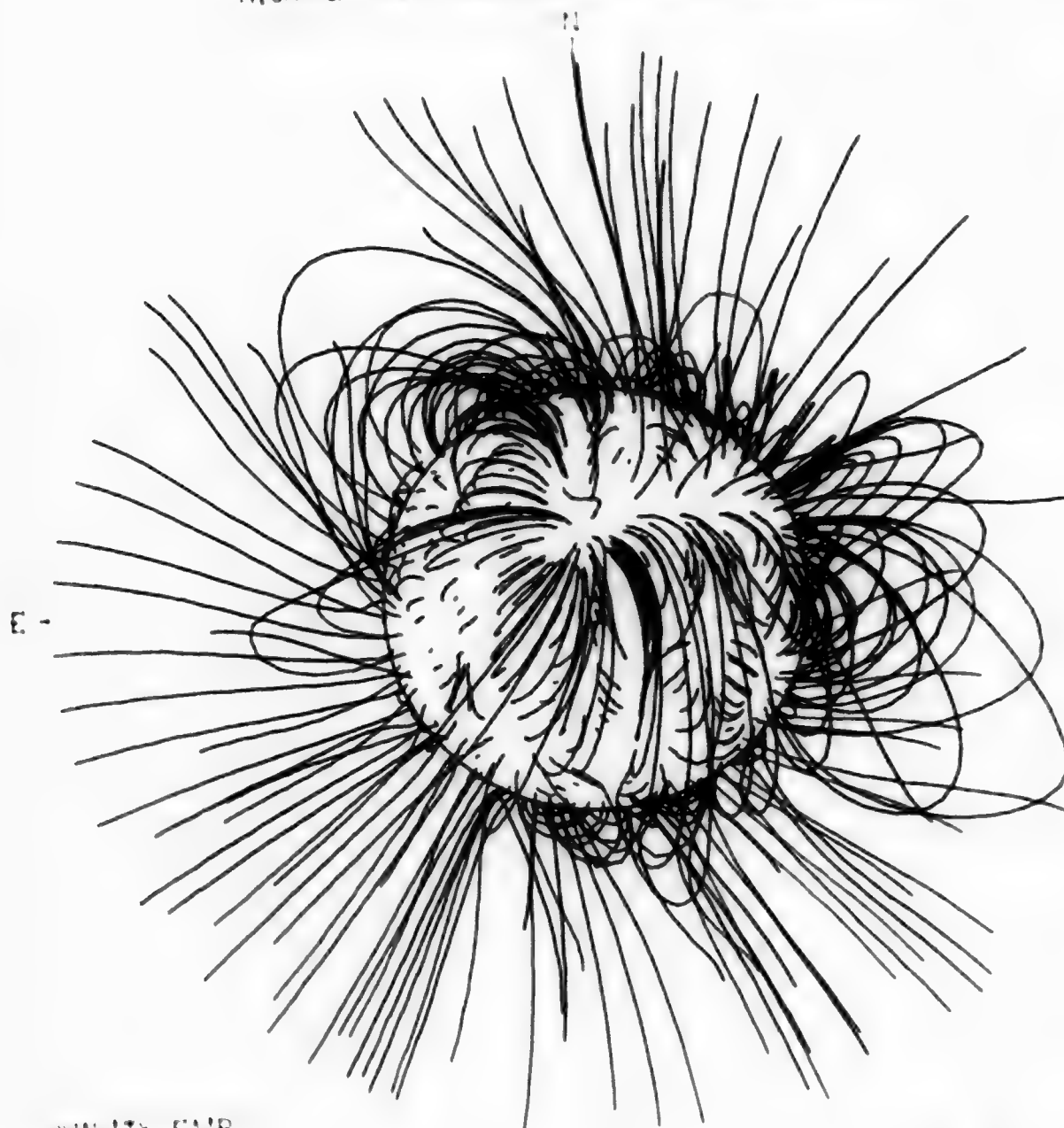
FILES DIRECT

DATA WINDOW 1515.00

1
5

RCT. 1515 1000. 140°
15.5 10 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

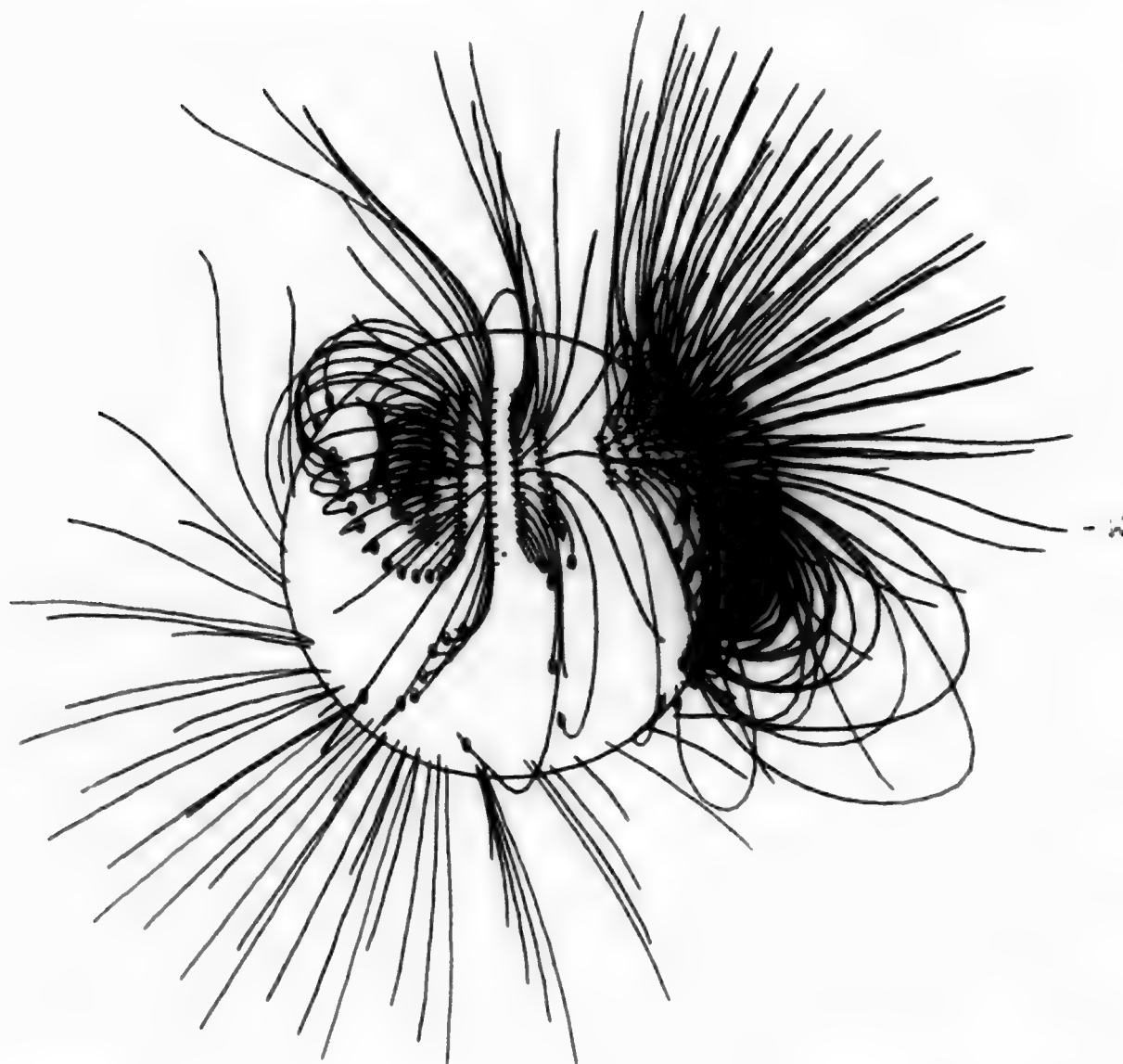


QUALITY FAIR
PAGES DIRECT
DATA WINDOW 1515.00

RJT. 1515 1.16. 191°
16.2 DEL 1.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

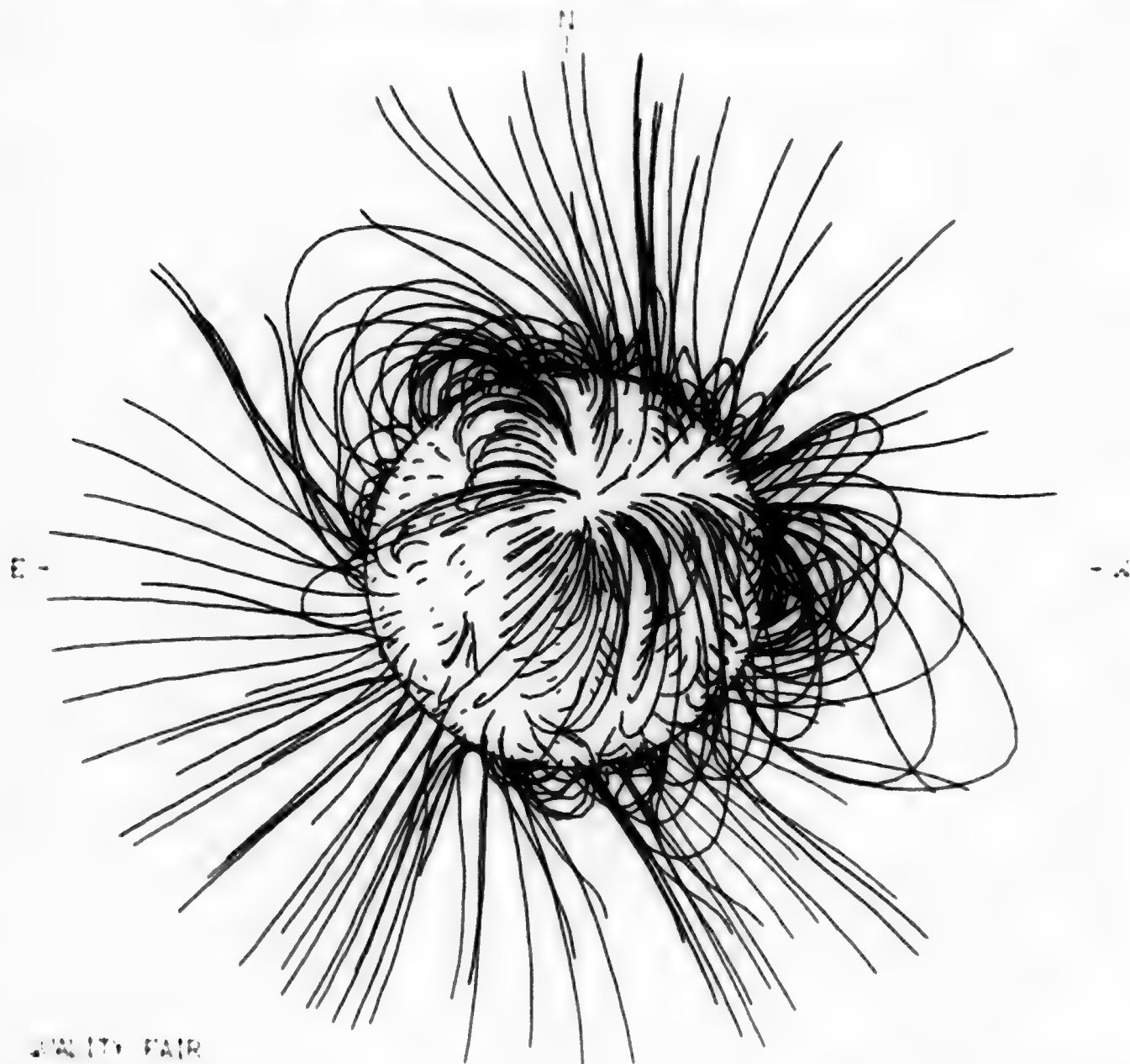


QUALITY FAIR
FILES DIRECT
DATA WINDOW 1515.00

S

R.T. 1988 1000.00
1000.00 1000.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

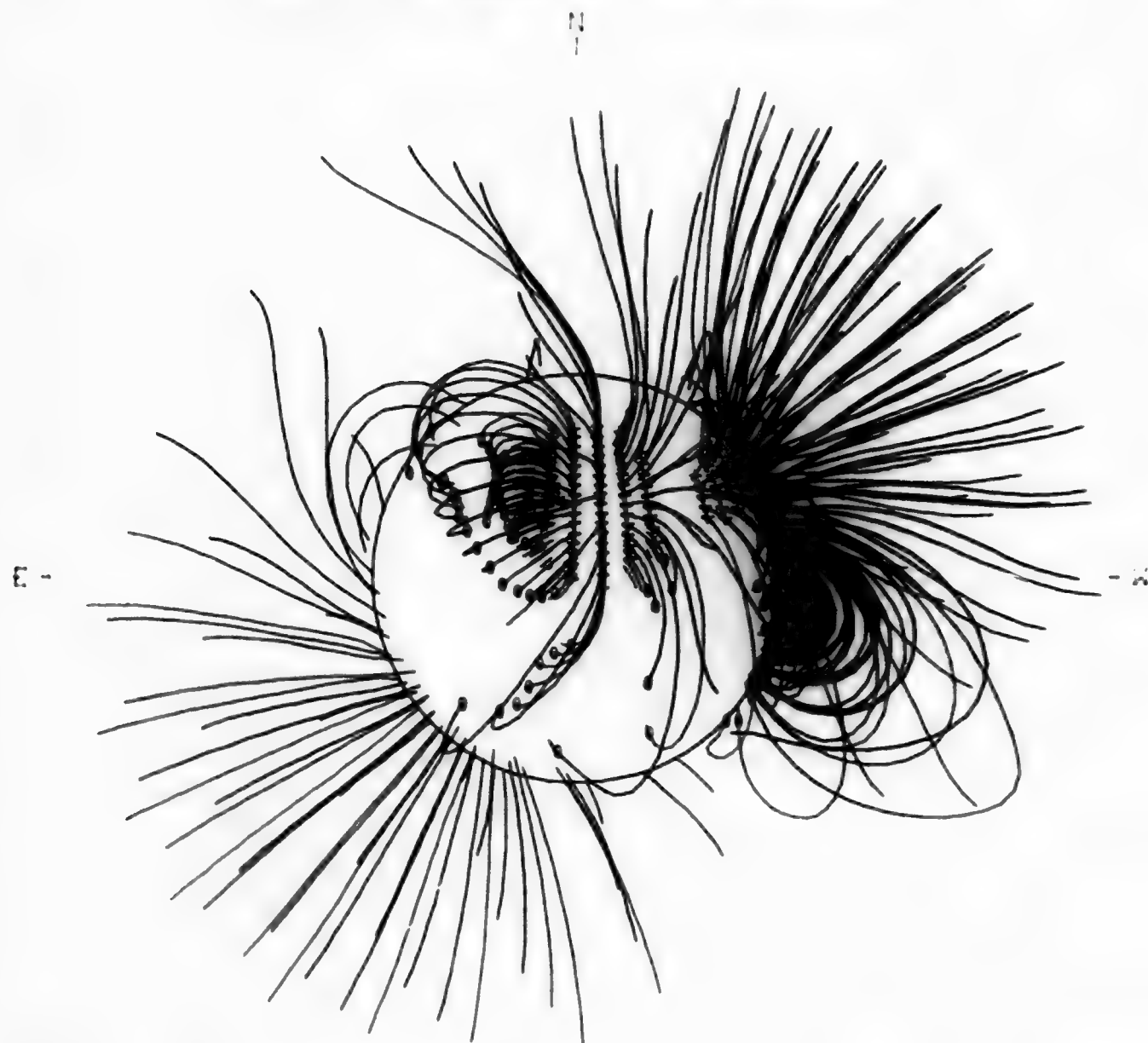
POLES DIRECT

CATA HIKKON 1515.00

PUT. 1515 1515.00

1515.00 1515.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



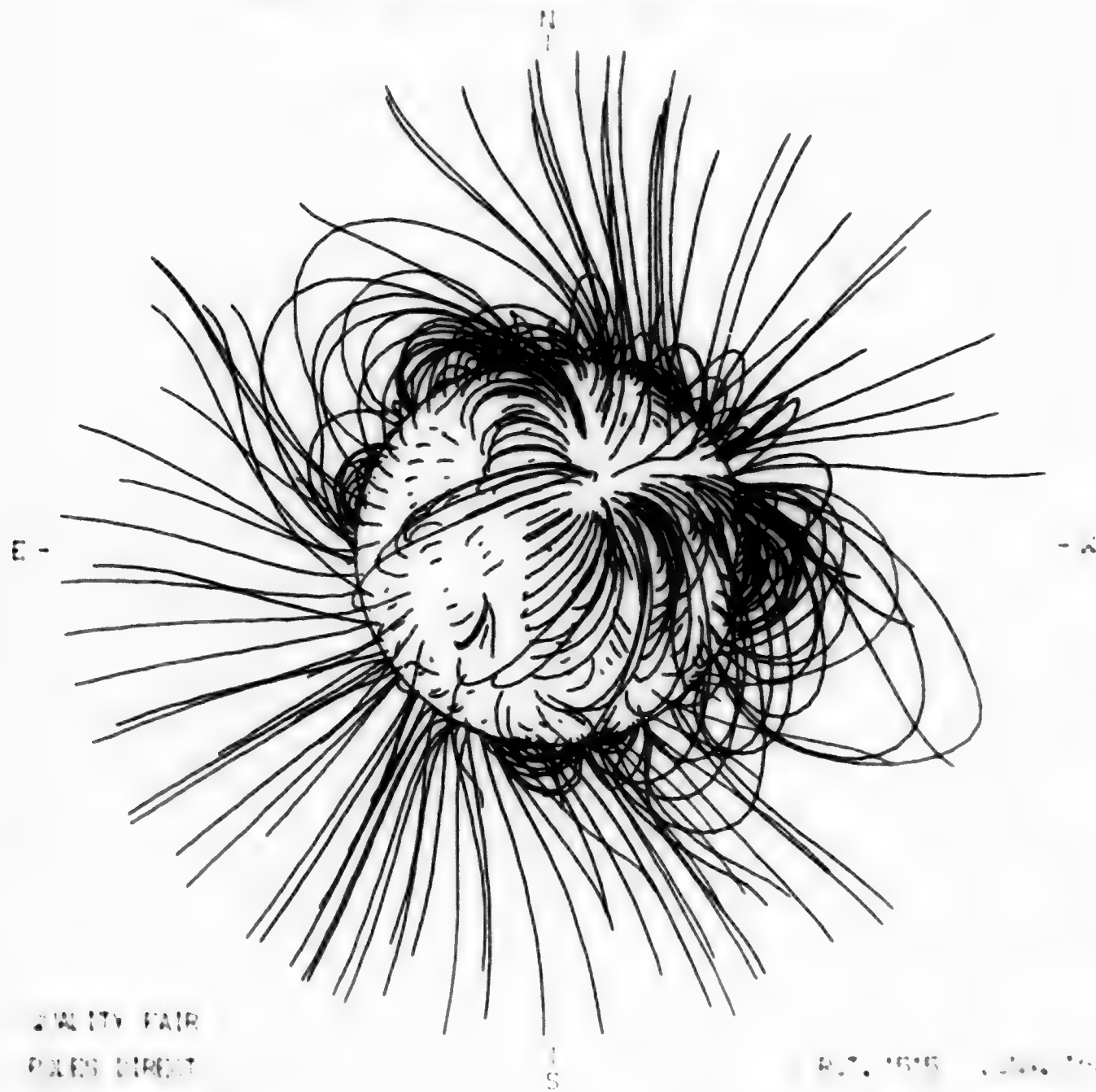
QUALITY FAIR

POLES DIRECT

DATA WINDOW 1515.00

REF. 1915 1915.00
 1915.00 1915.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

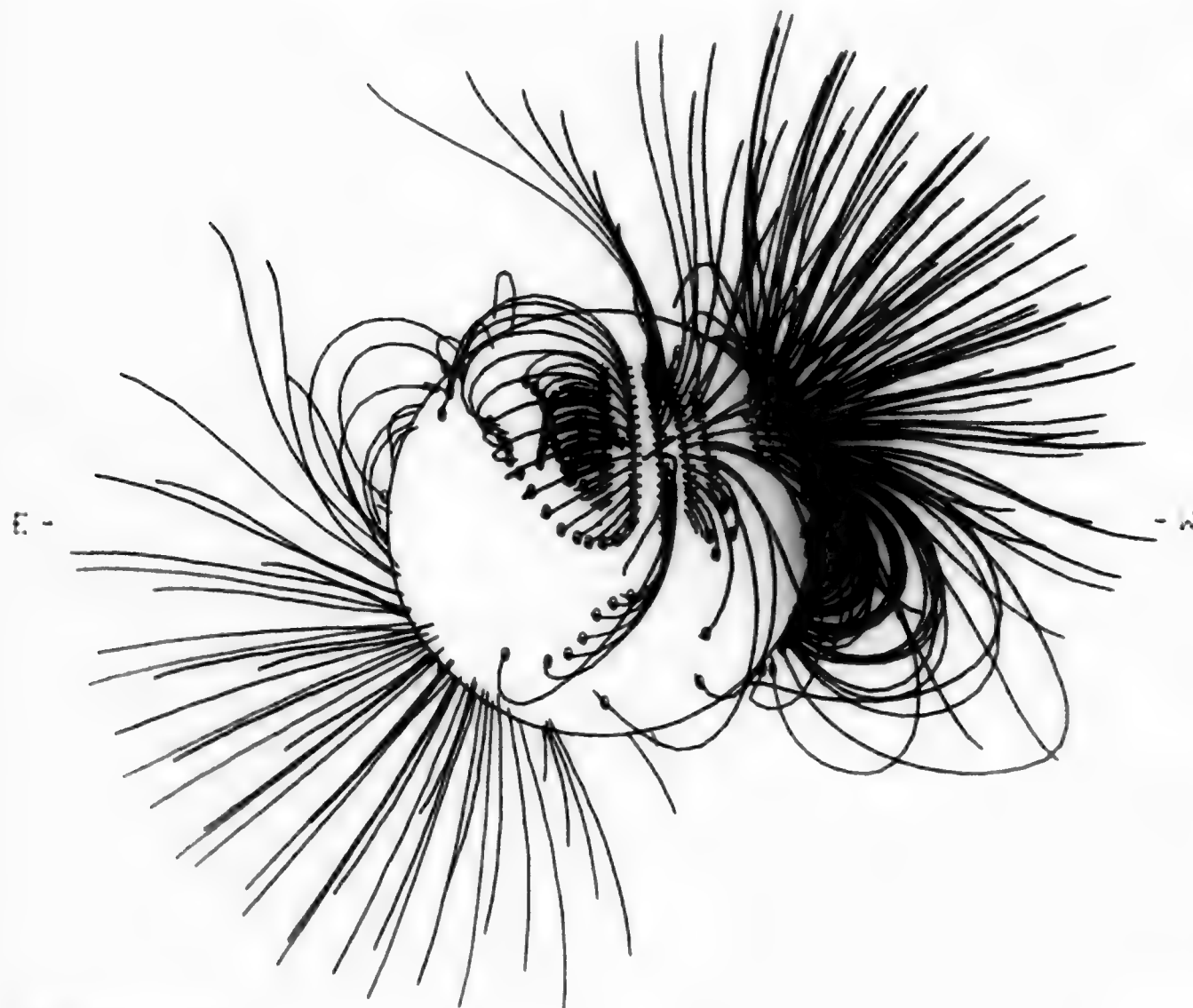
FILES DIRECT

DATA WINDOW 1918.00

1918.00 1918.00

1918.00 1918.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

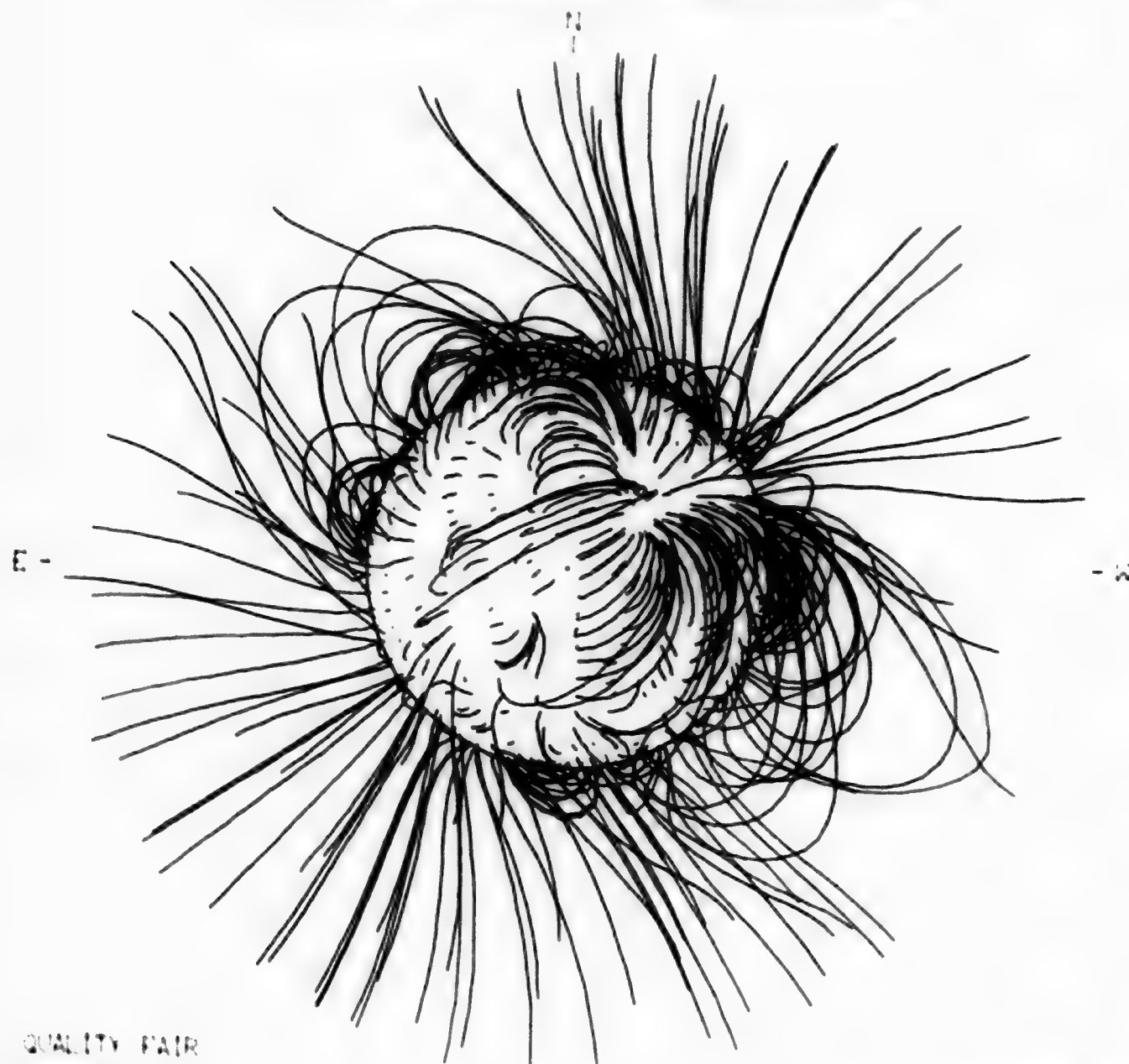
POLES DIRECT

DATA WINDOW 1515.00

2017.15.15 10.15.15

17.11.15 10.15.15

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

RULES DIRECT

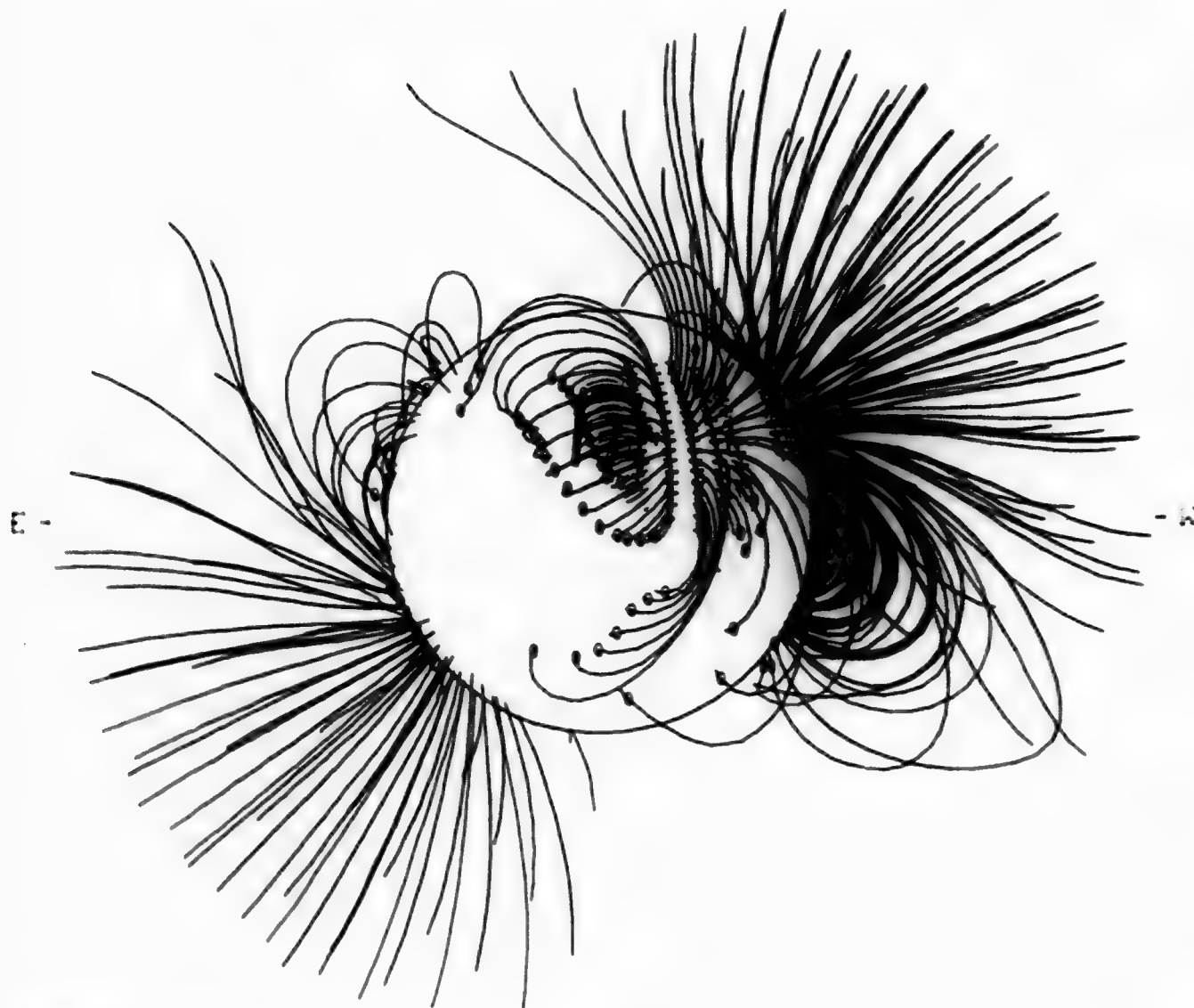
DATA WINDOW 1515.00

S

RUT. 1515.00 1515.00

1515.00 1515.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

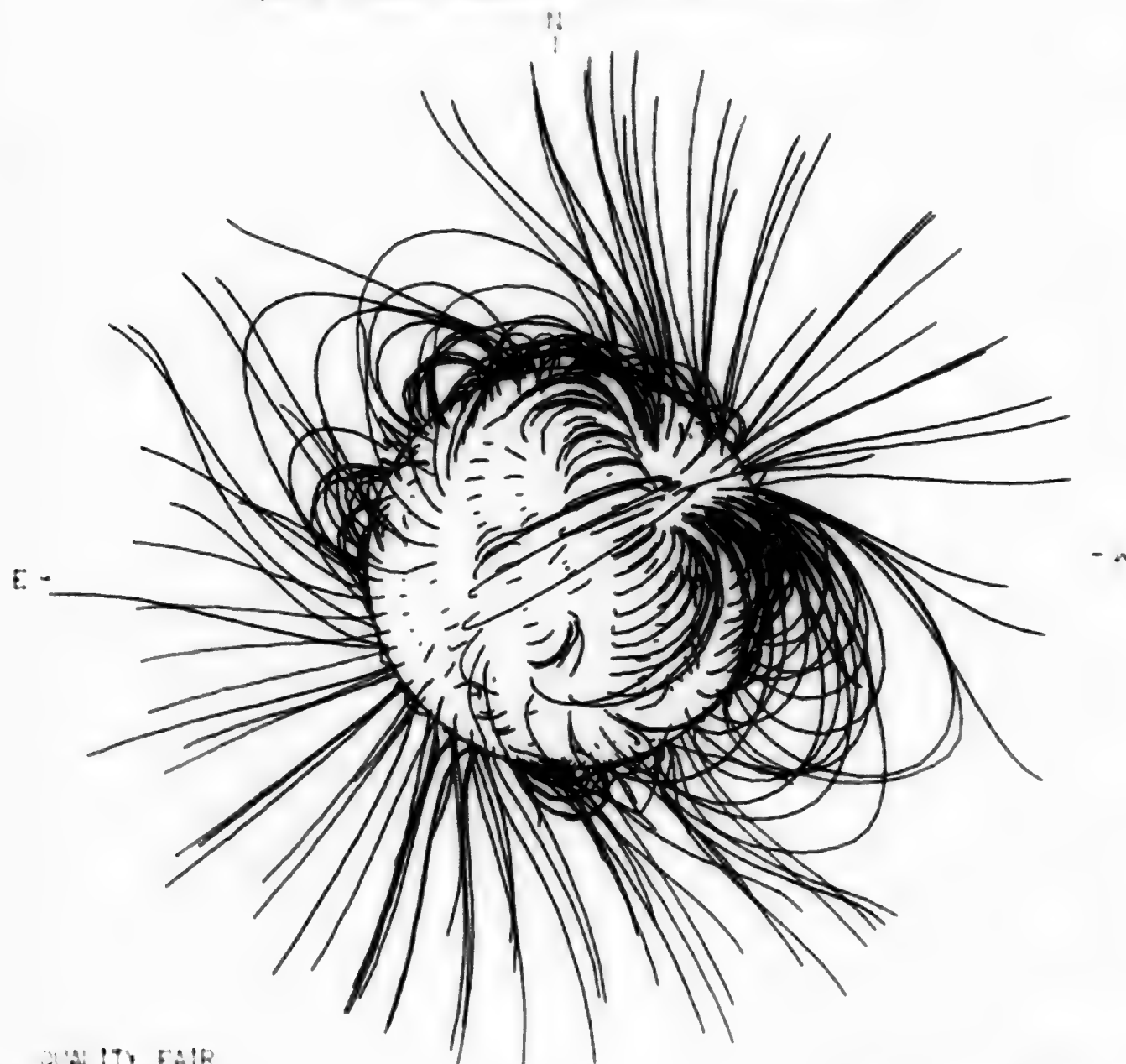
FILES DIRECT

DATA WINDOW 1515.00

R.T. 1515 1515.00

18.5 DEC 1996

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



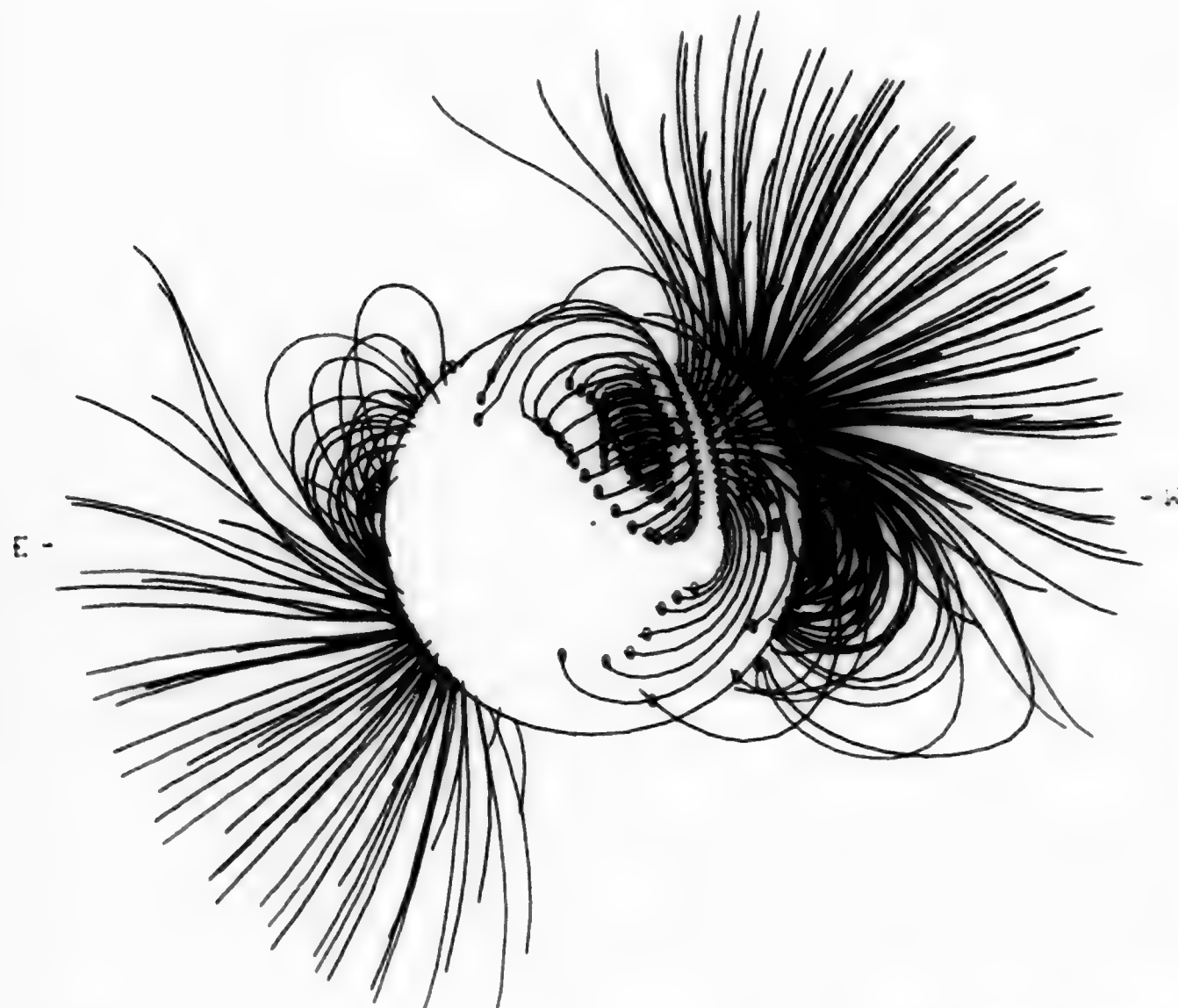
QUALITY FAIR

POLES DIRECT

DATA WINDOW 1515.00

207.1515 100.140
10.5 10.5

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



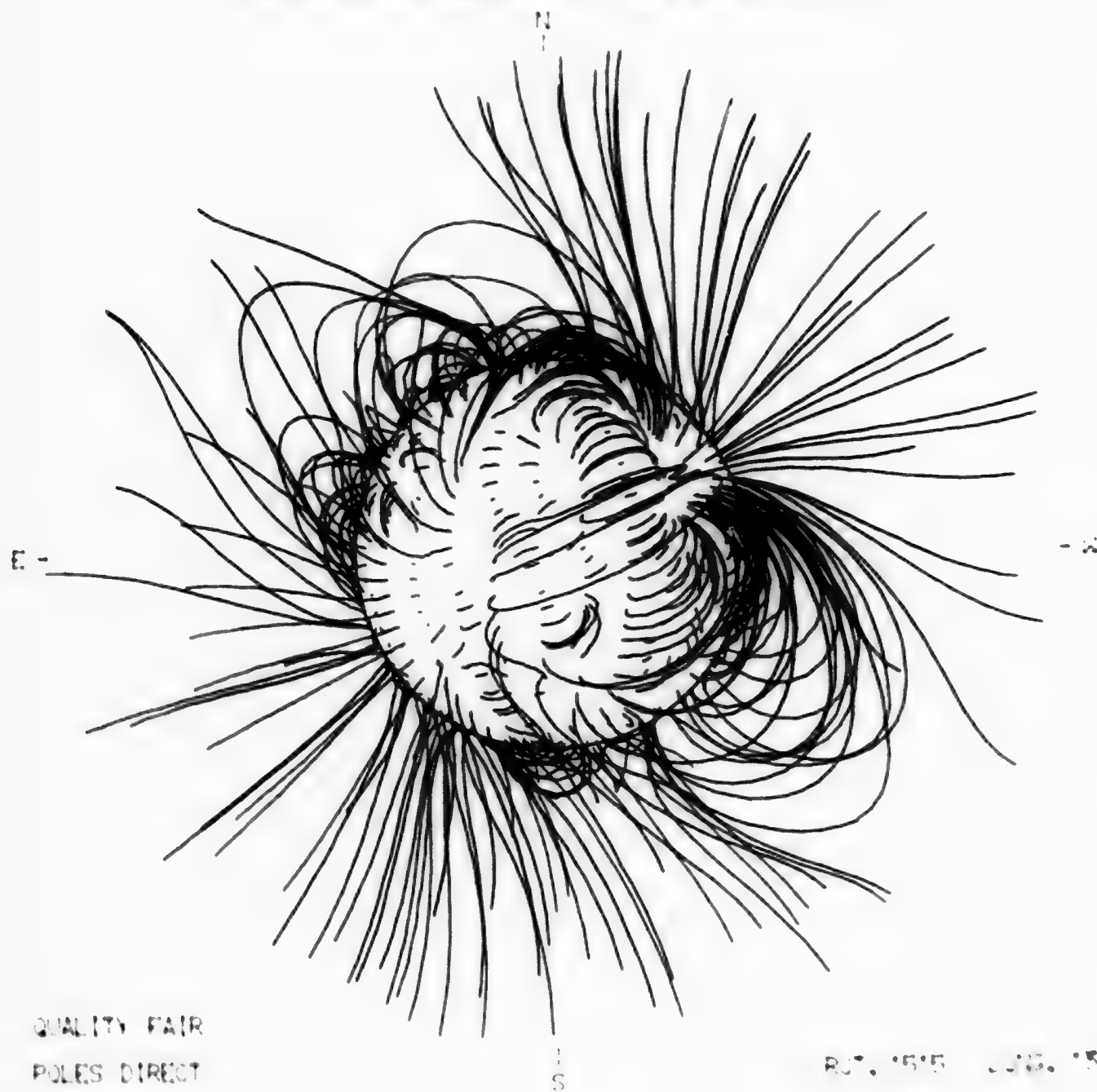
QUALITY FAIR

FILES DIRECT

DATA WINDOW 1515.00

15.15 15.15 15.15
15.15 15.15 15.15

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

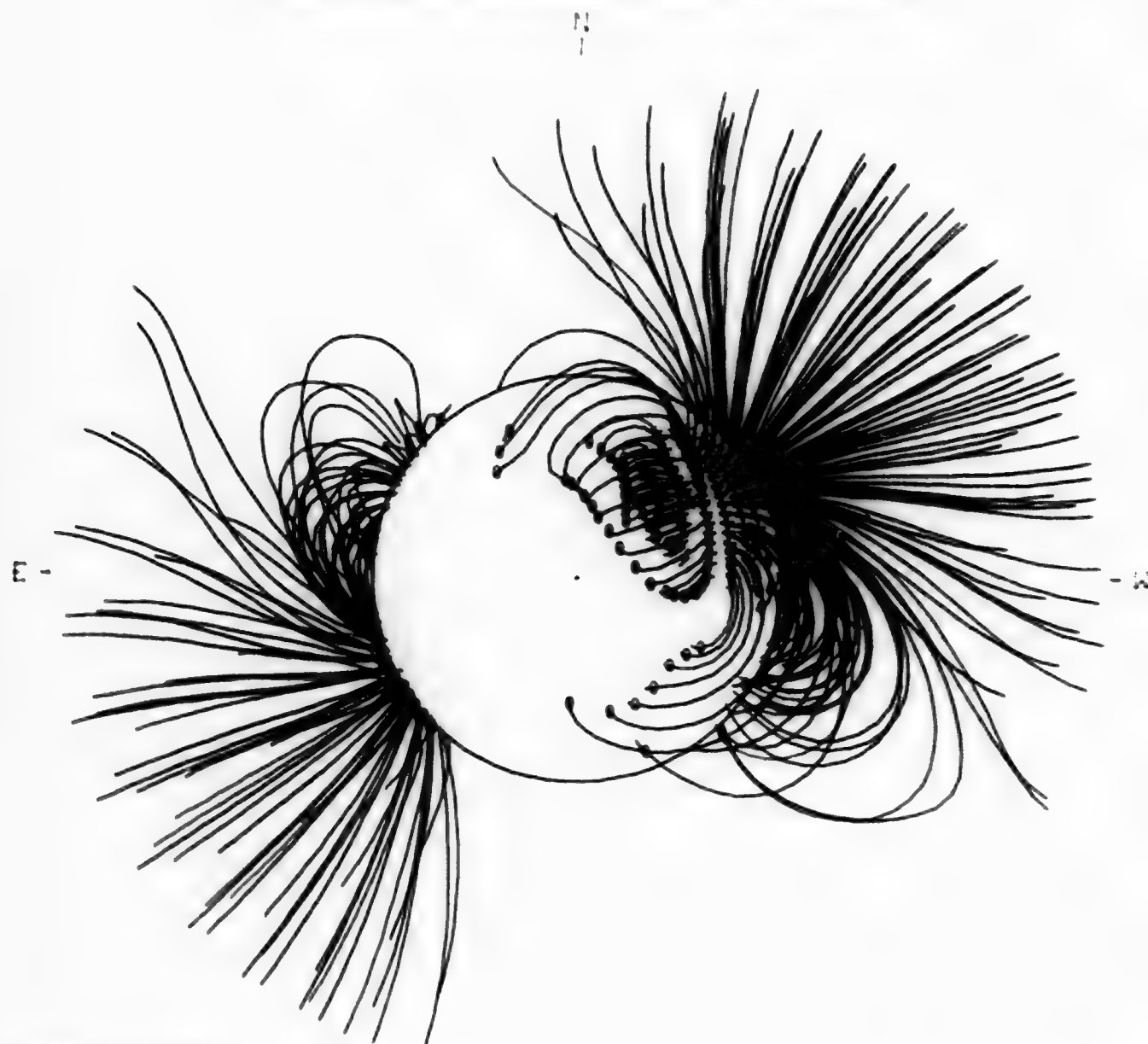
POLES DIRECT

DATA WINDOW 1515.00

ROT. 15.5 10.5. 15.0

20.0 10.0 10.0

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

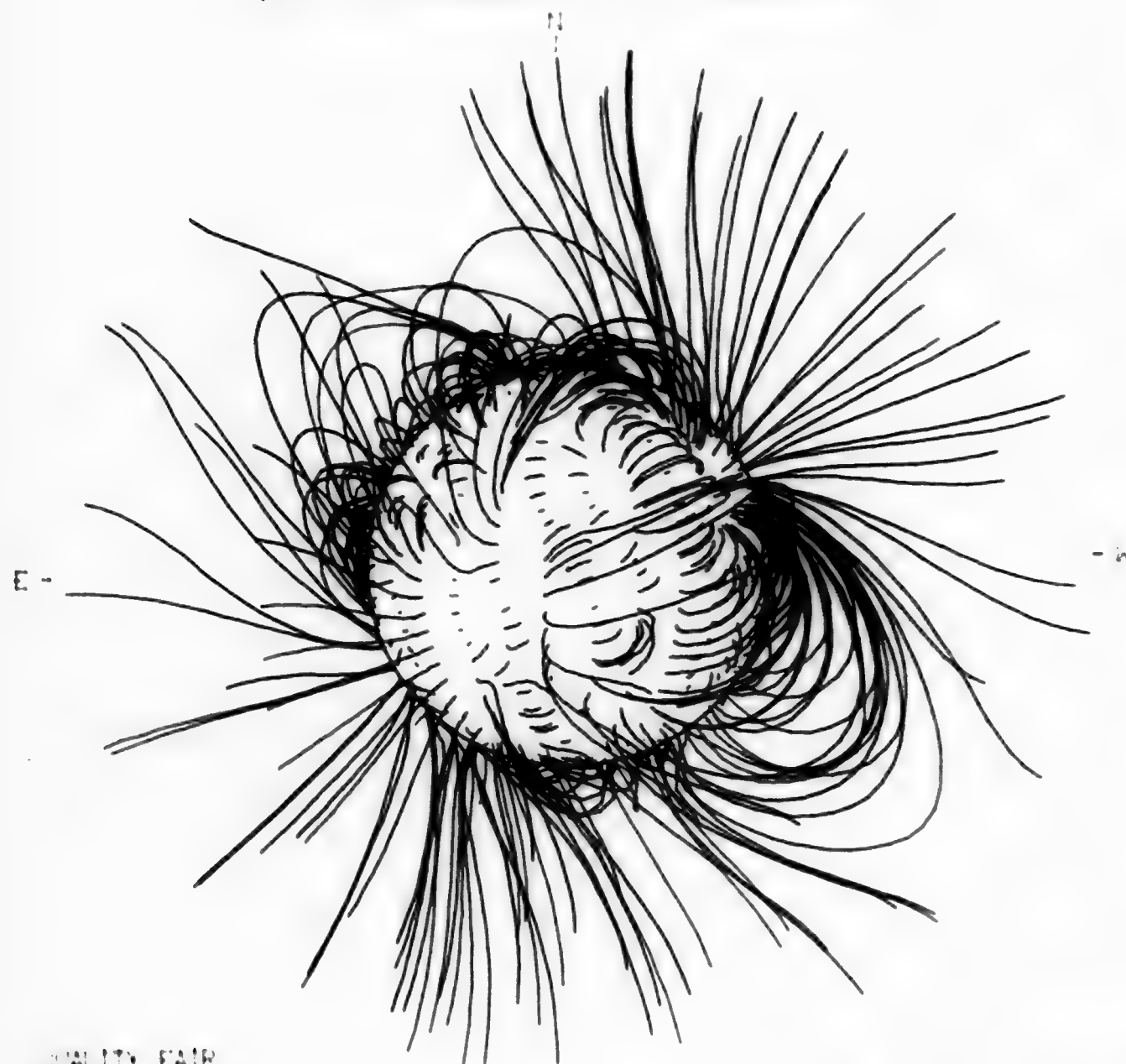
POLES DIRECT

DATA WINDOW 1515.00

ROT. 15.00 100.00 15.00

100.00 15.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



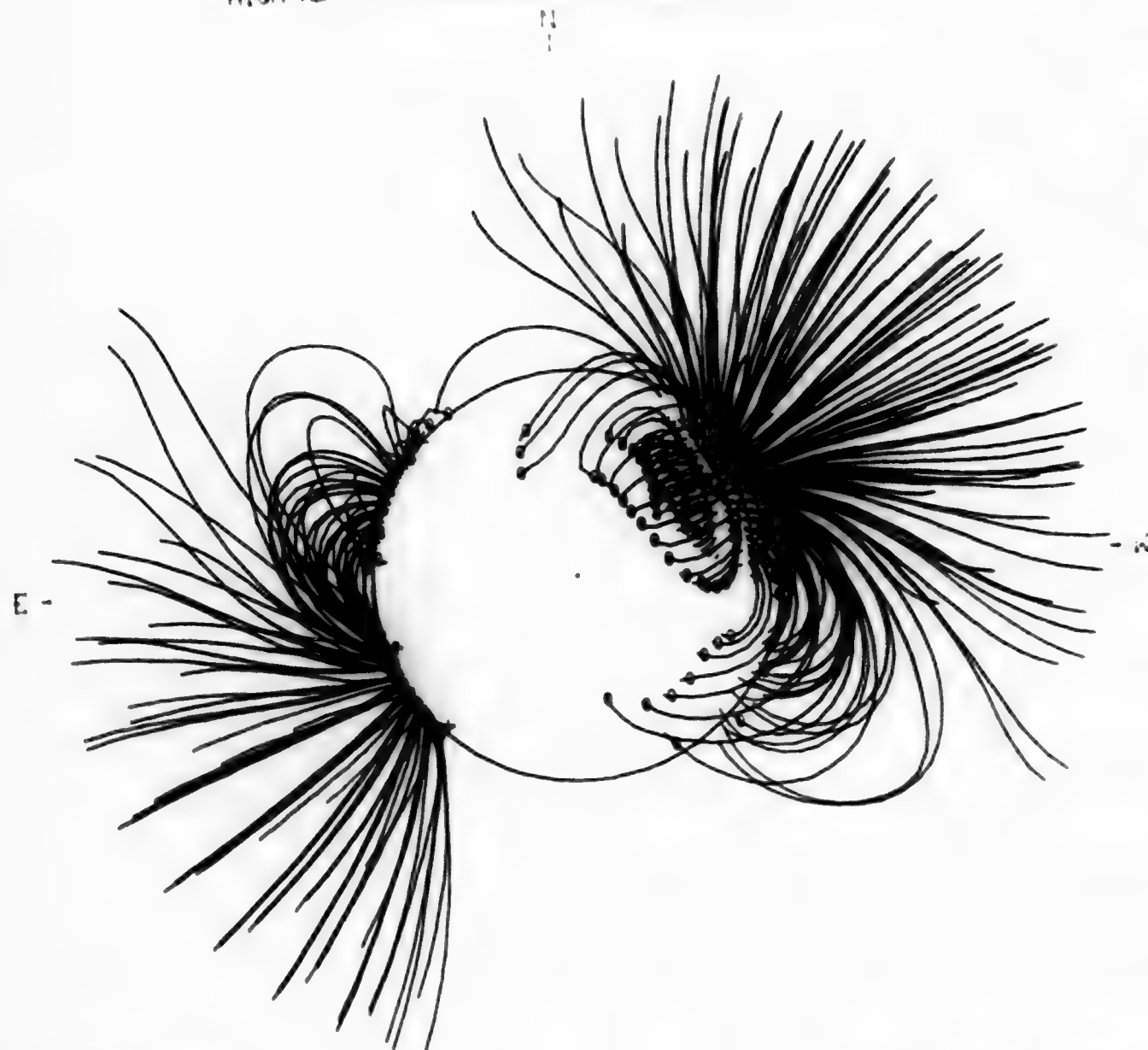
QUALITY FAIR

FILES DIRECT

DATA WINDOW 1515.00

PLT. 1515 1000. 1.0°
 10.0 15.0 1.0°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

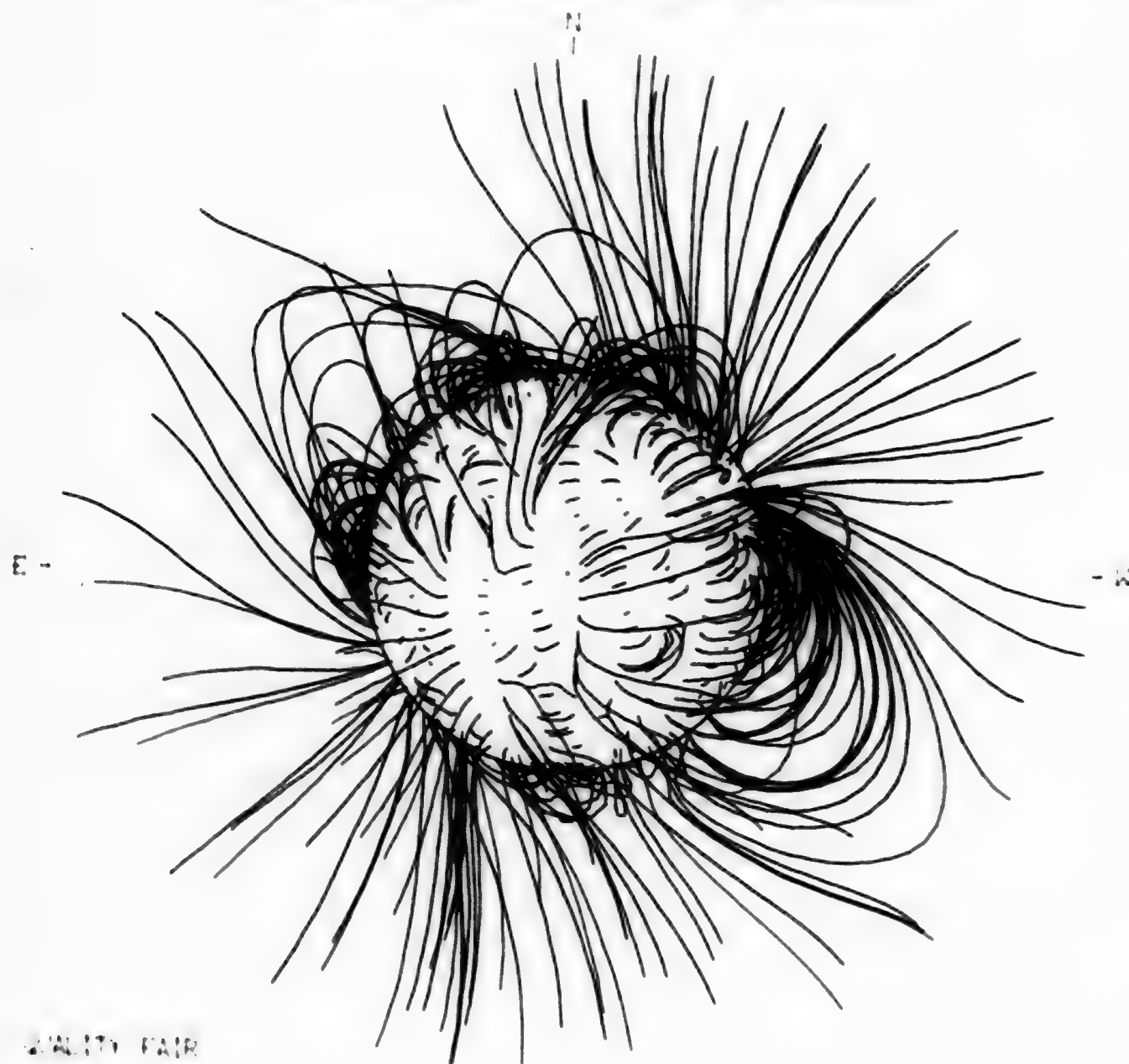


QUALITY FAIR
POLES DIRECT
DATA WINDOW 1919.00

S

PLT. 1919.00
1919.00
1919.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



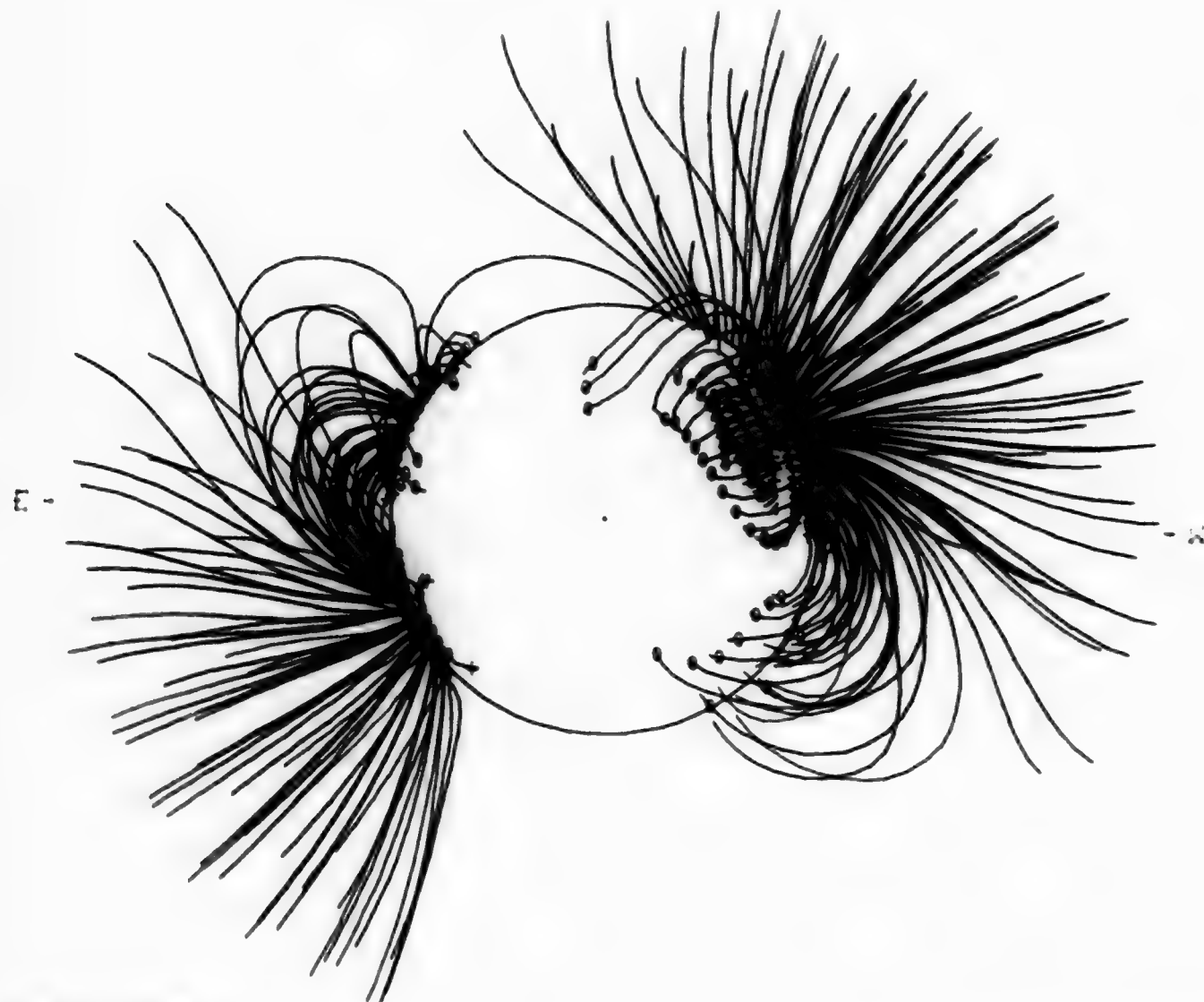
QUALITY FAIR

FILES DIRECT

DATA WINDOW 1515.00

REF. 1000 1000 1000
1000 1000 1000

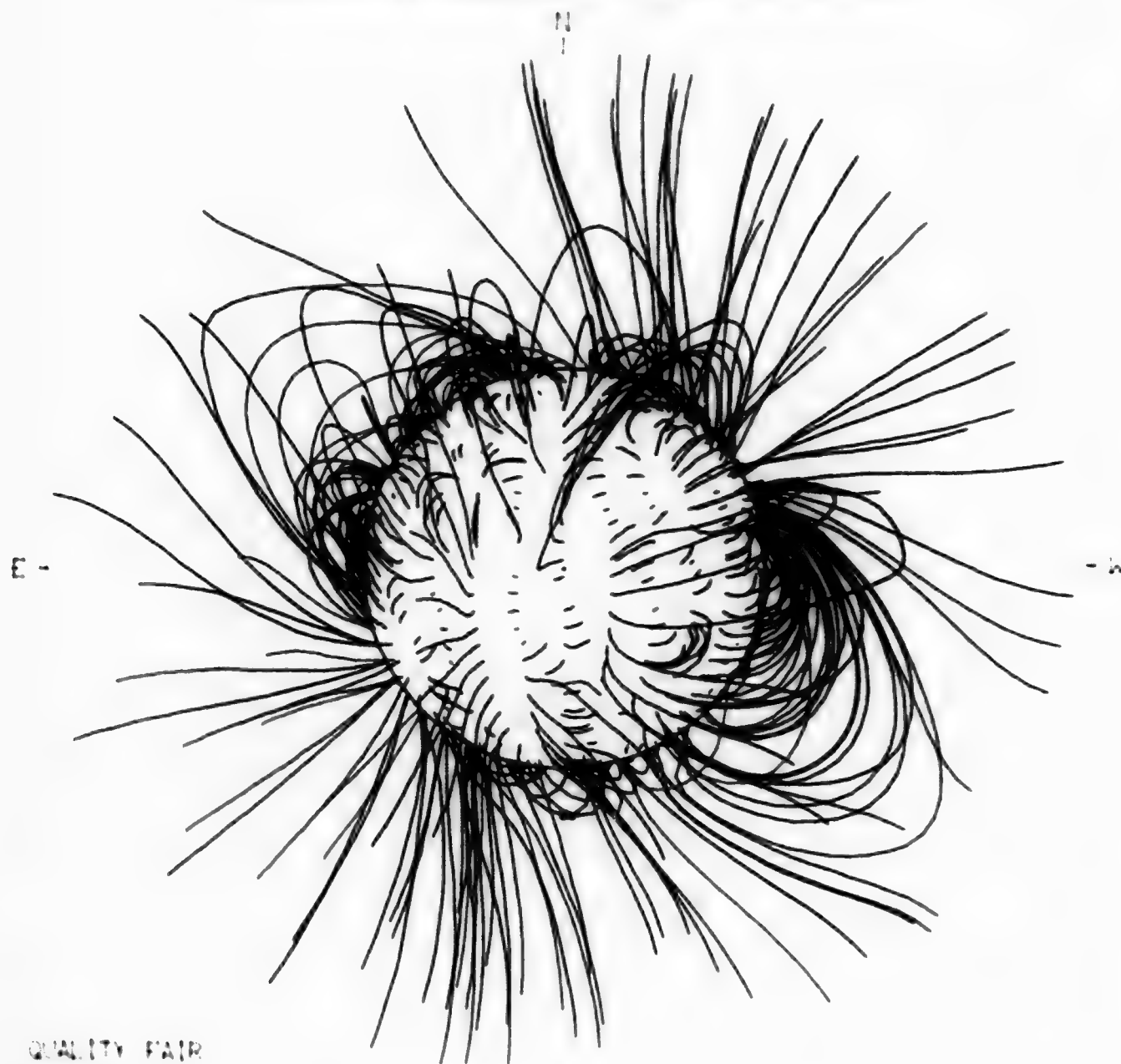
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 RULES DIRECT
 DATA WINDOW 1515.00

407.1515 1000.000
 21.5 10 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

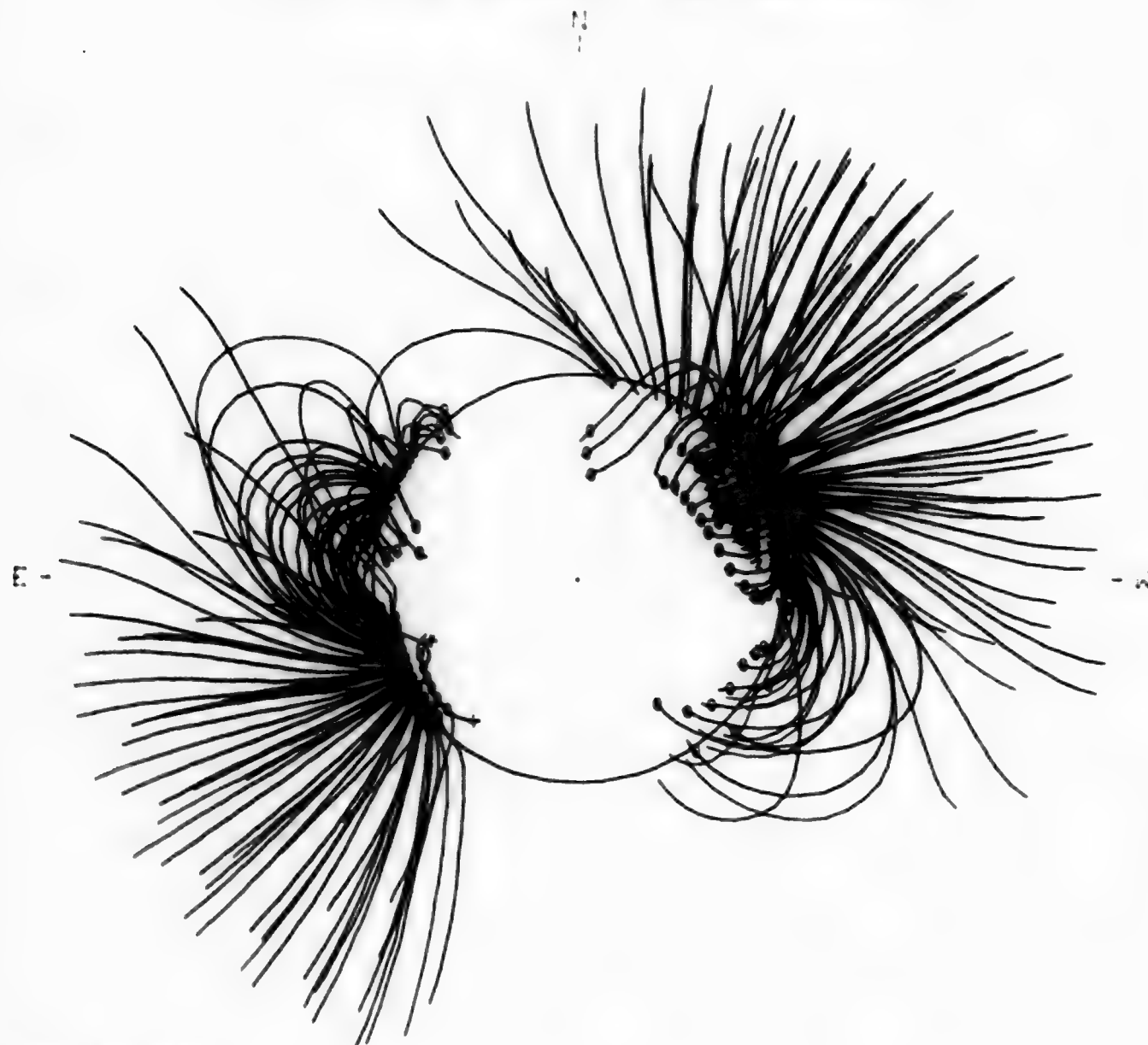
DATA WINDOW 1515.00

N
S

6.7. 1515 1.00. 100°

22.5 DEC 1994

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

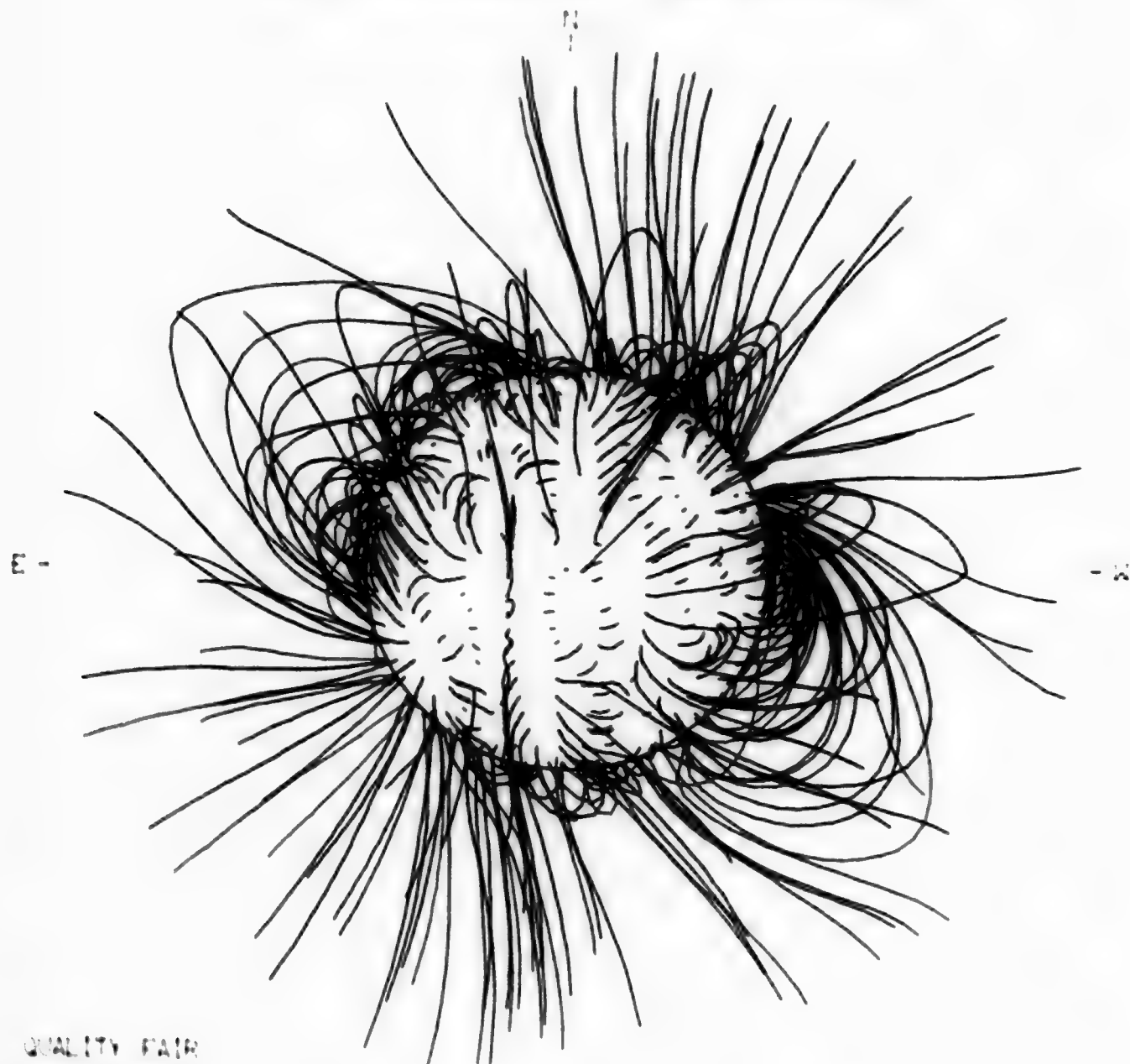
POLES DIRECT

DATA WINDOW 1515.00

ROT. 1515 LONG. 100°

22.5 DEC 1996

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

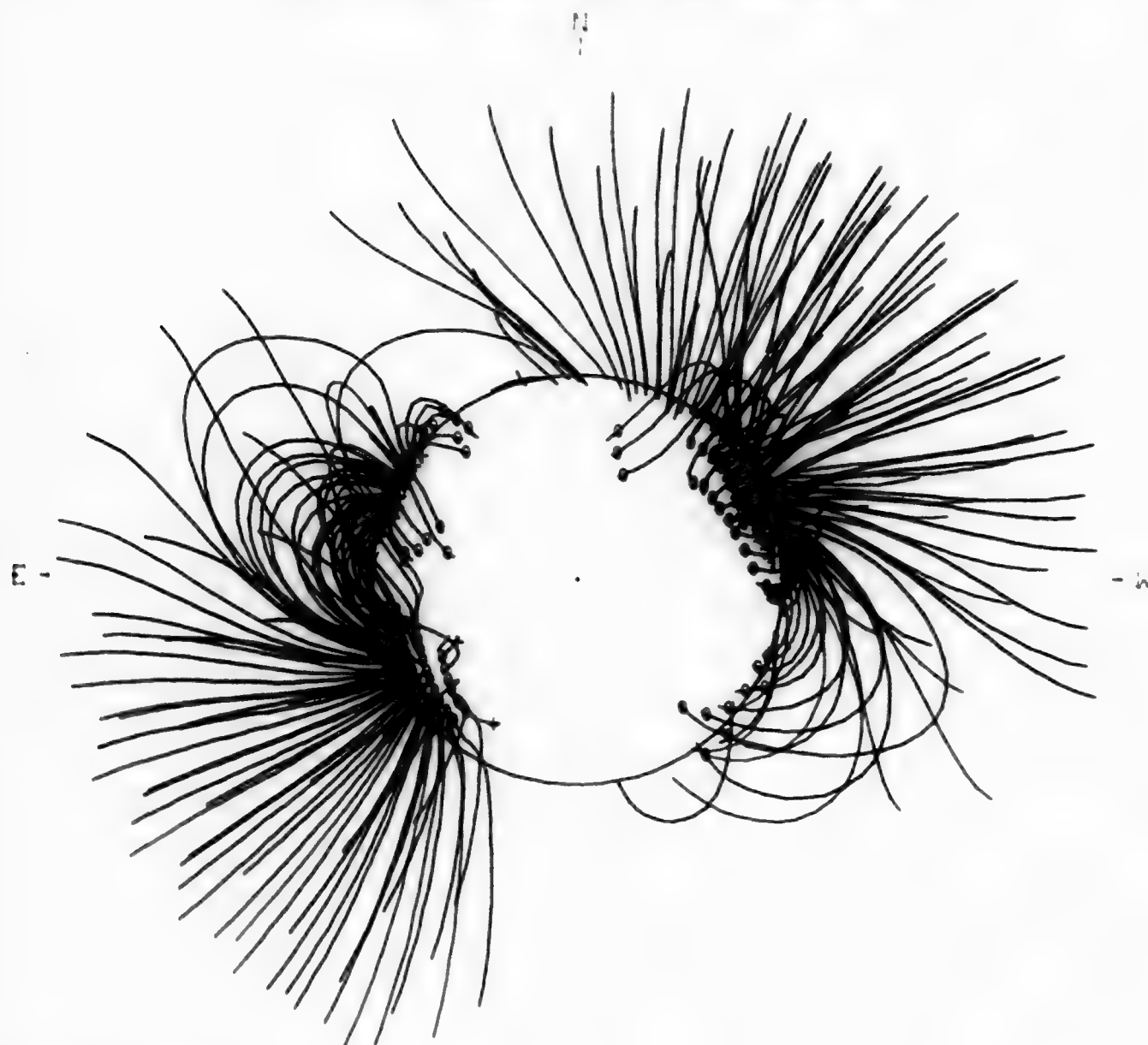
DATA WINDOW 1515.00

S

ROT. 15°5' LONG. 40°

23.1 161

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

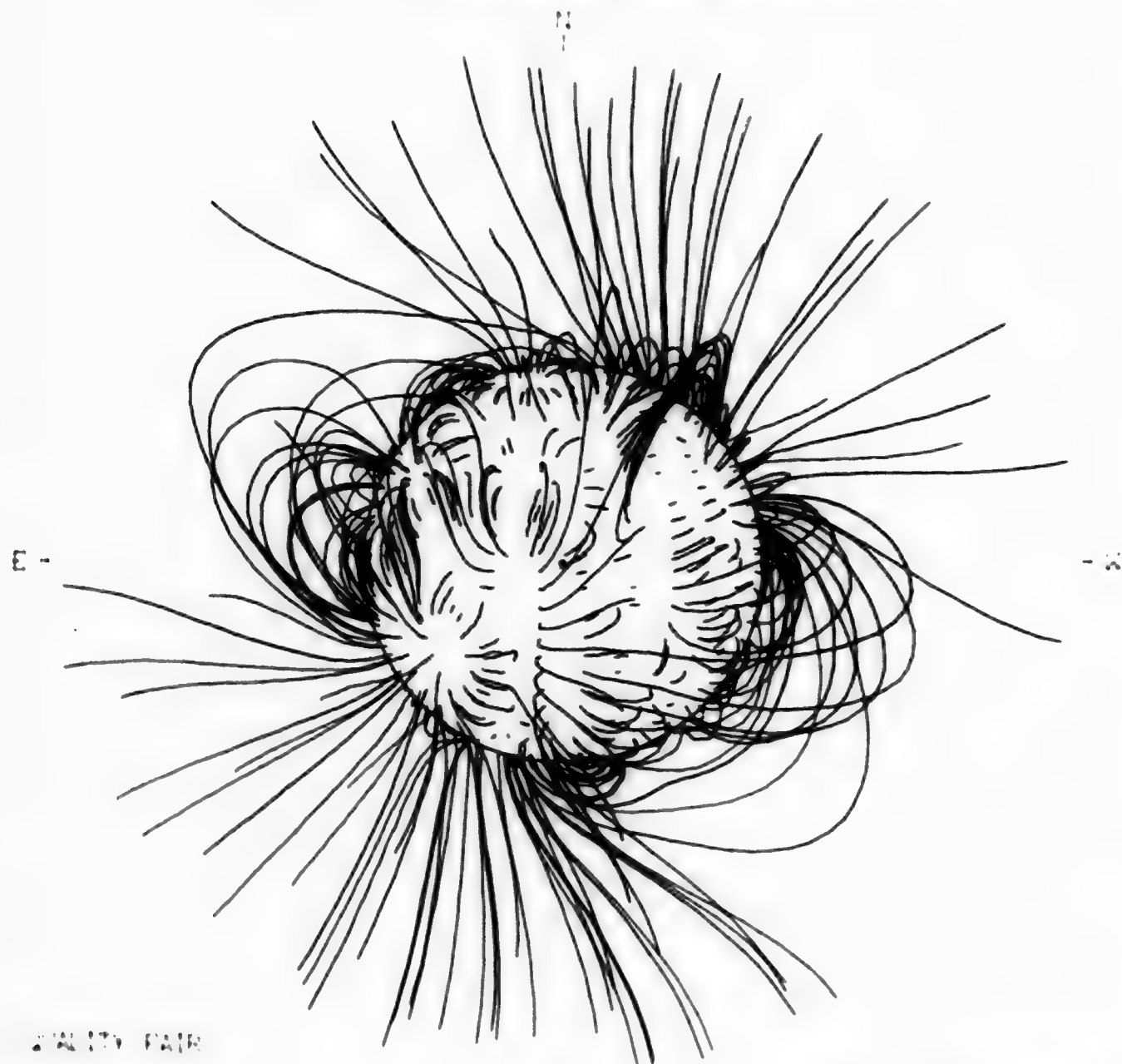
POLES DIRECT

DATA WINDOW 1515.00

PLT. 1515 1.10. 40

23. 10 1.10

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY PAIR

FILES DIRECT

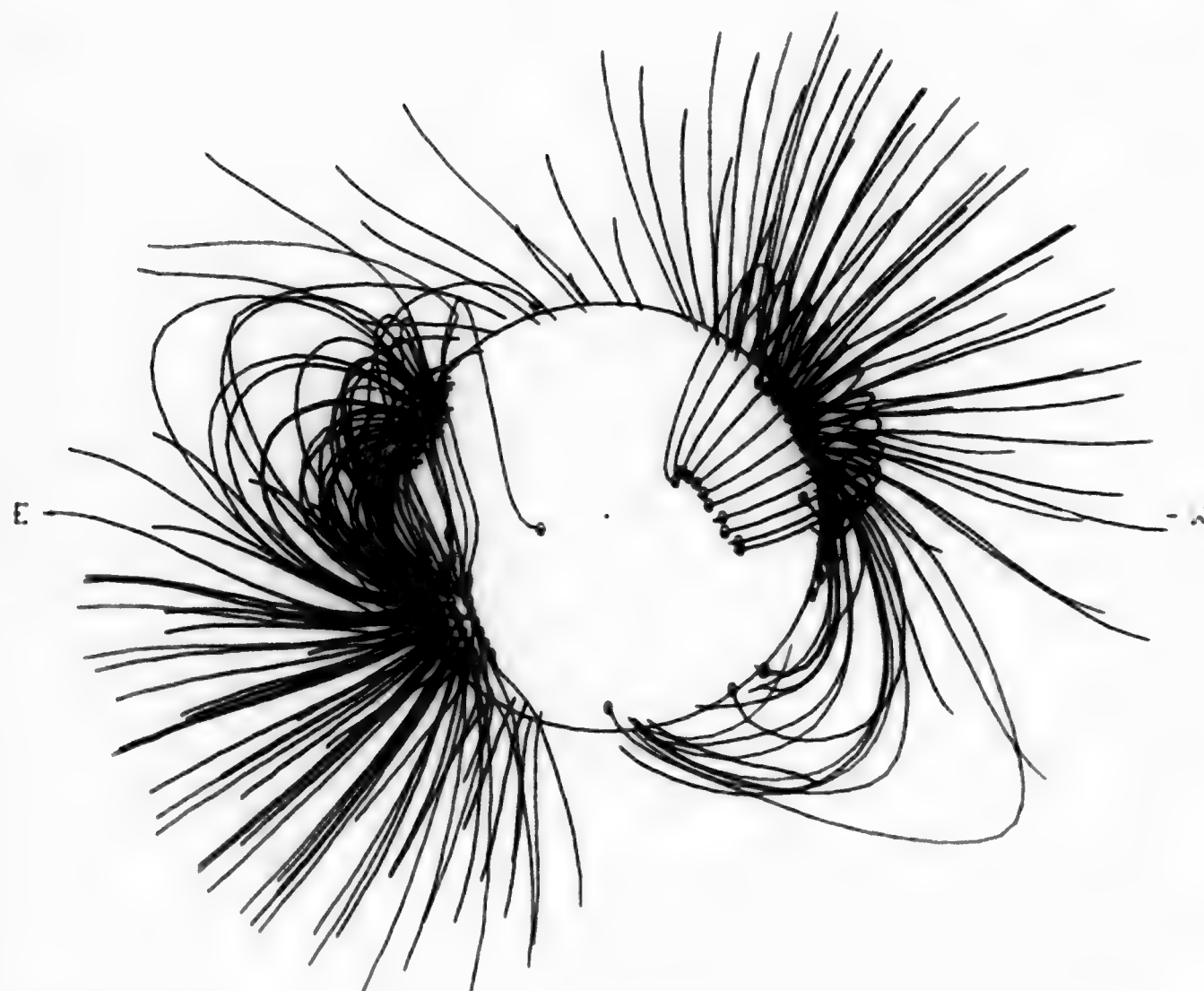
DATA NUMBER 1915.01

1
S

REF. 1915.01

1915.01

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 POLES DIRECT
 DATA WINDOW 1515.47

1
 5

REL. TIME 1.000 1.000
 REL. TIME 1.000 1.000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

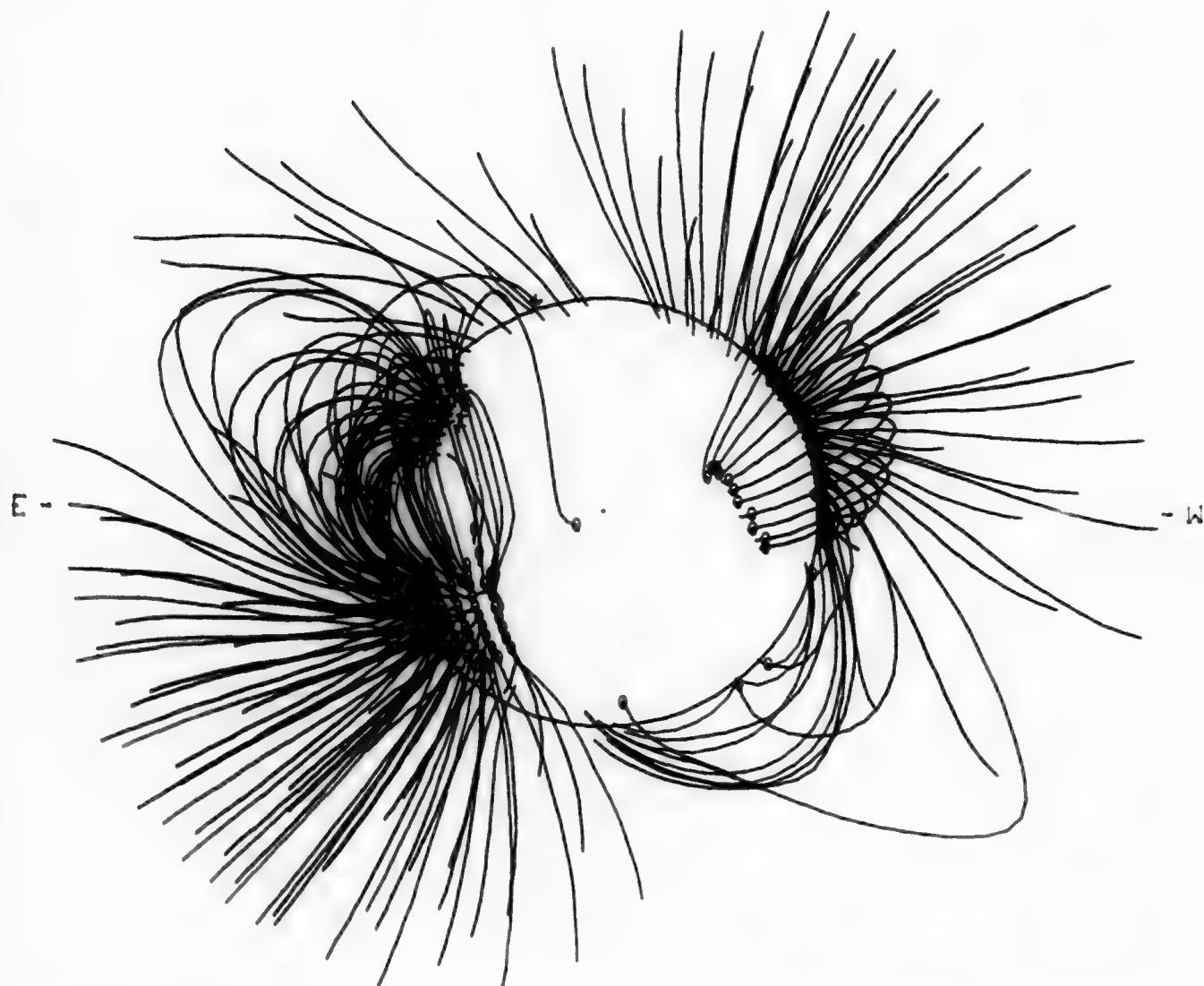
DATA WINDOW 1515.47

R.T. 1515 1.00 71°

24.6 DEC 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
|

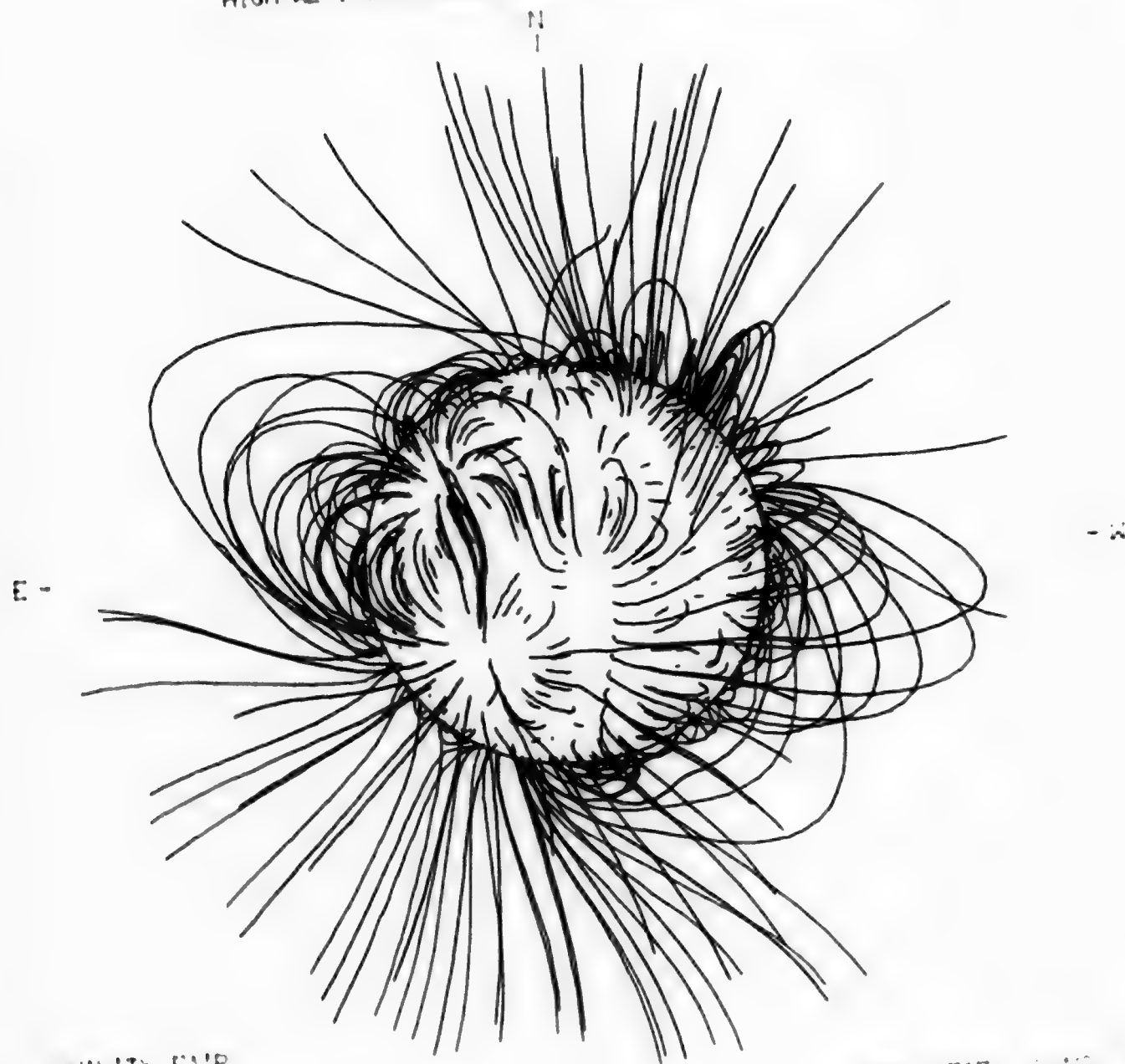


QUALITY FAIR
POLES DIRECT
DATA WINDOW 1515.37

|
S

ROT. 1515 LONG. 70°
24.6 DEC 1999

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

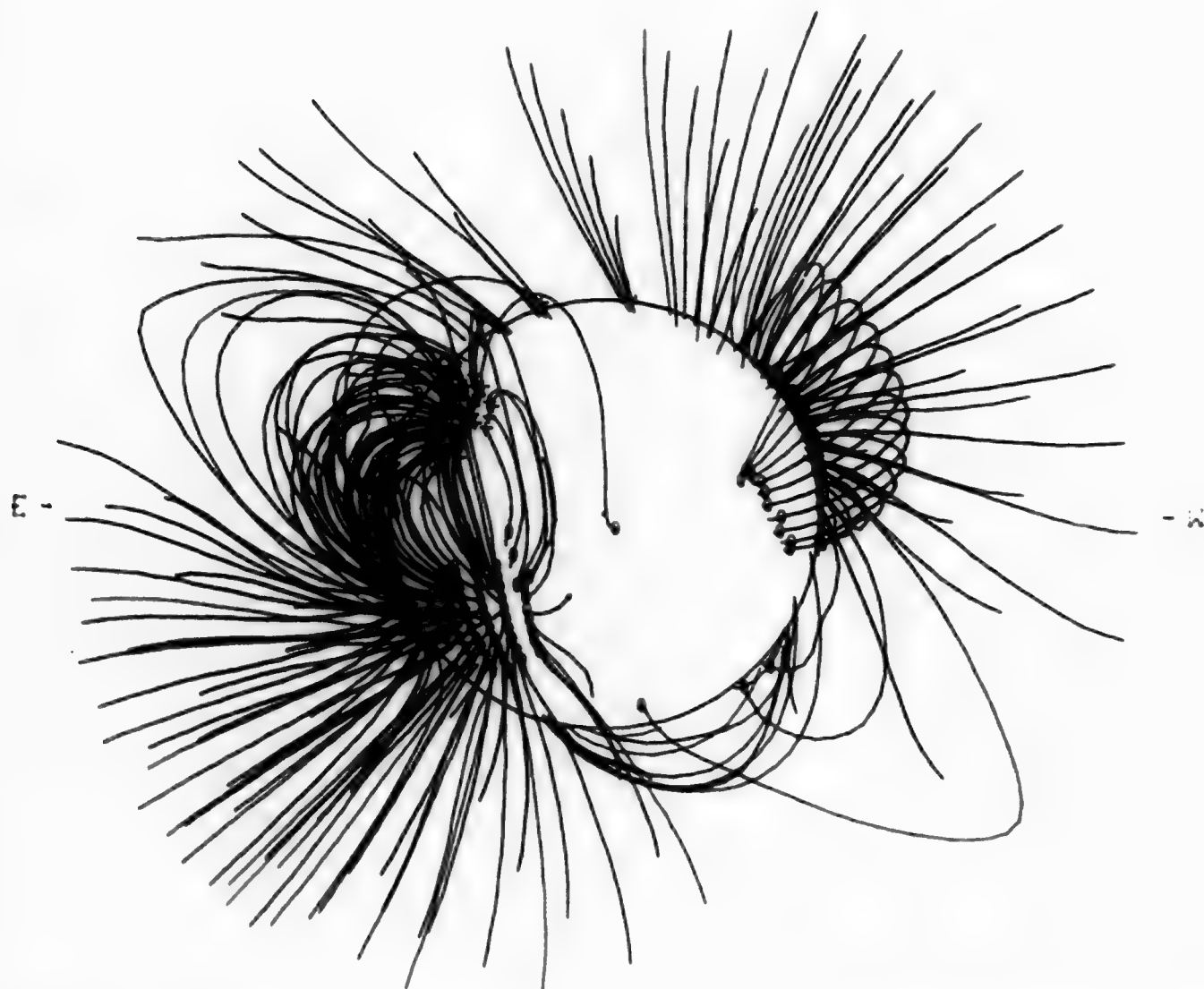


QUALITY FAIR
 POLES DIRECT
 DATA WINDOW 1515.37

R.T. 1515 100. 40°
 .55.4 2E 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
I



QUALITY FAIR

FILES DIRECT

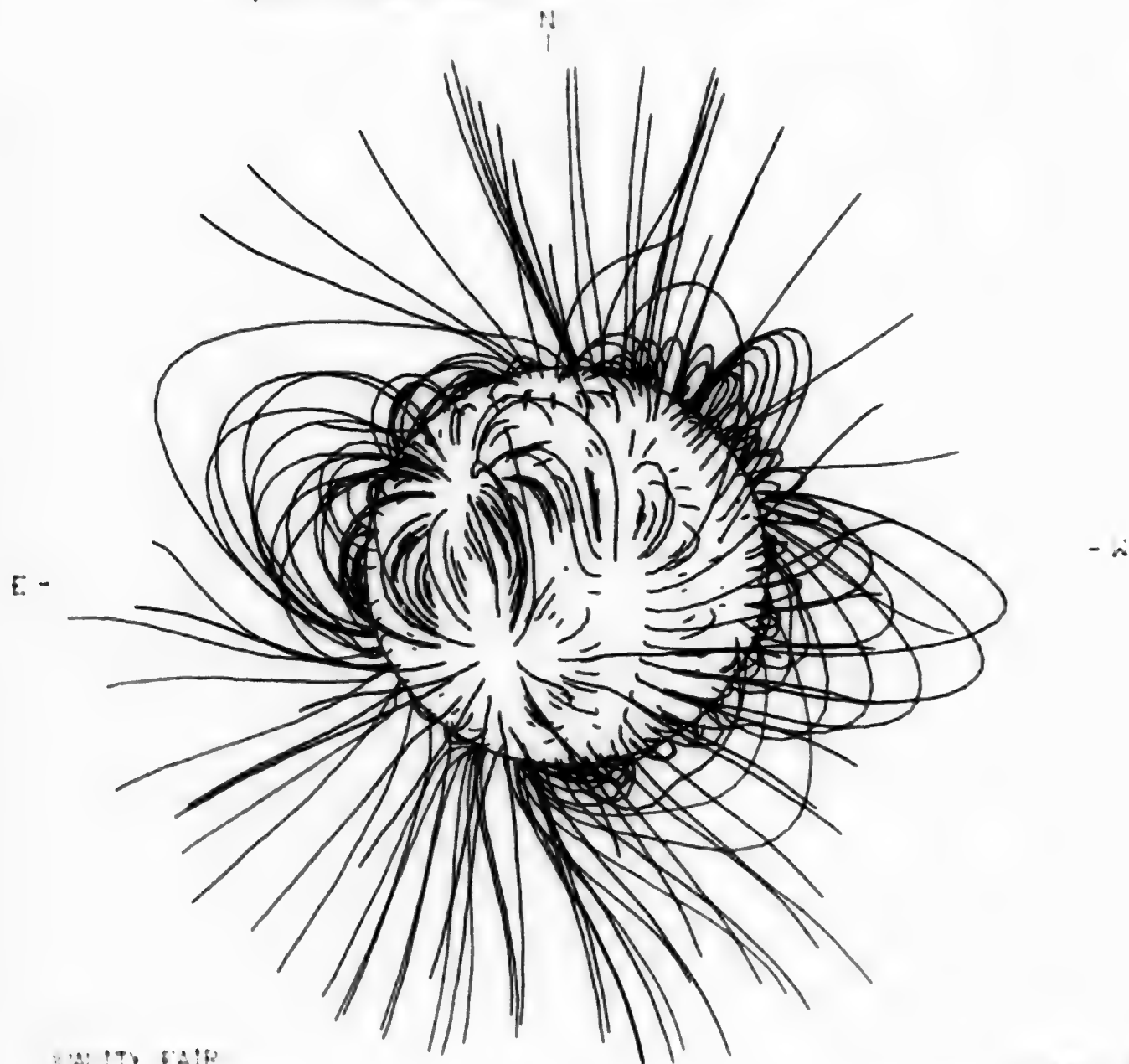
DATA WINDOW 1515.47

S

RUT. 1515 1015. 40°

25.4 DEC 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

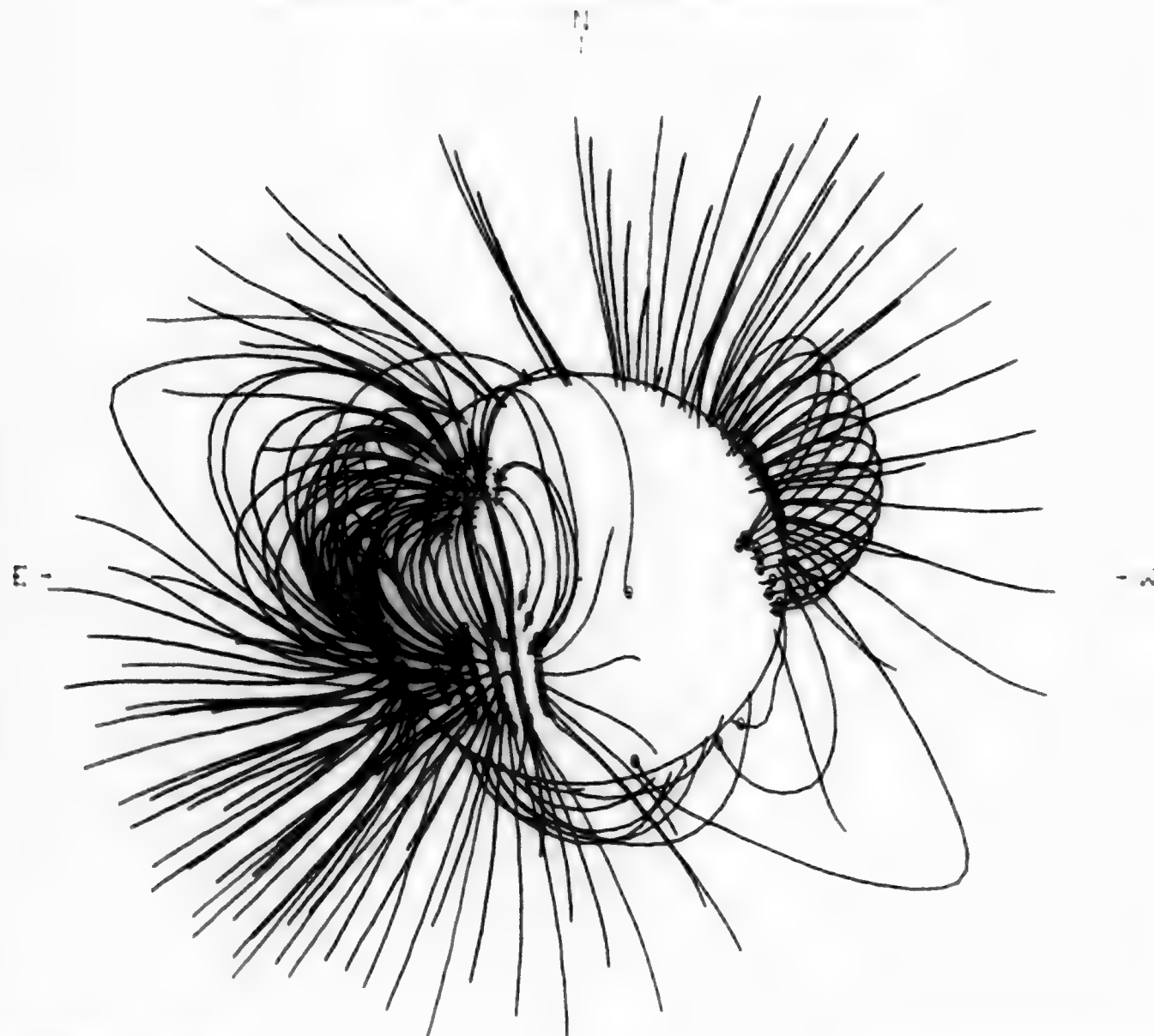
DATA WINDOW 1915.47

S

R.T. 1915 1915.47

1915.47 1915.47

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

PALES DIRECT

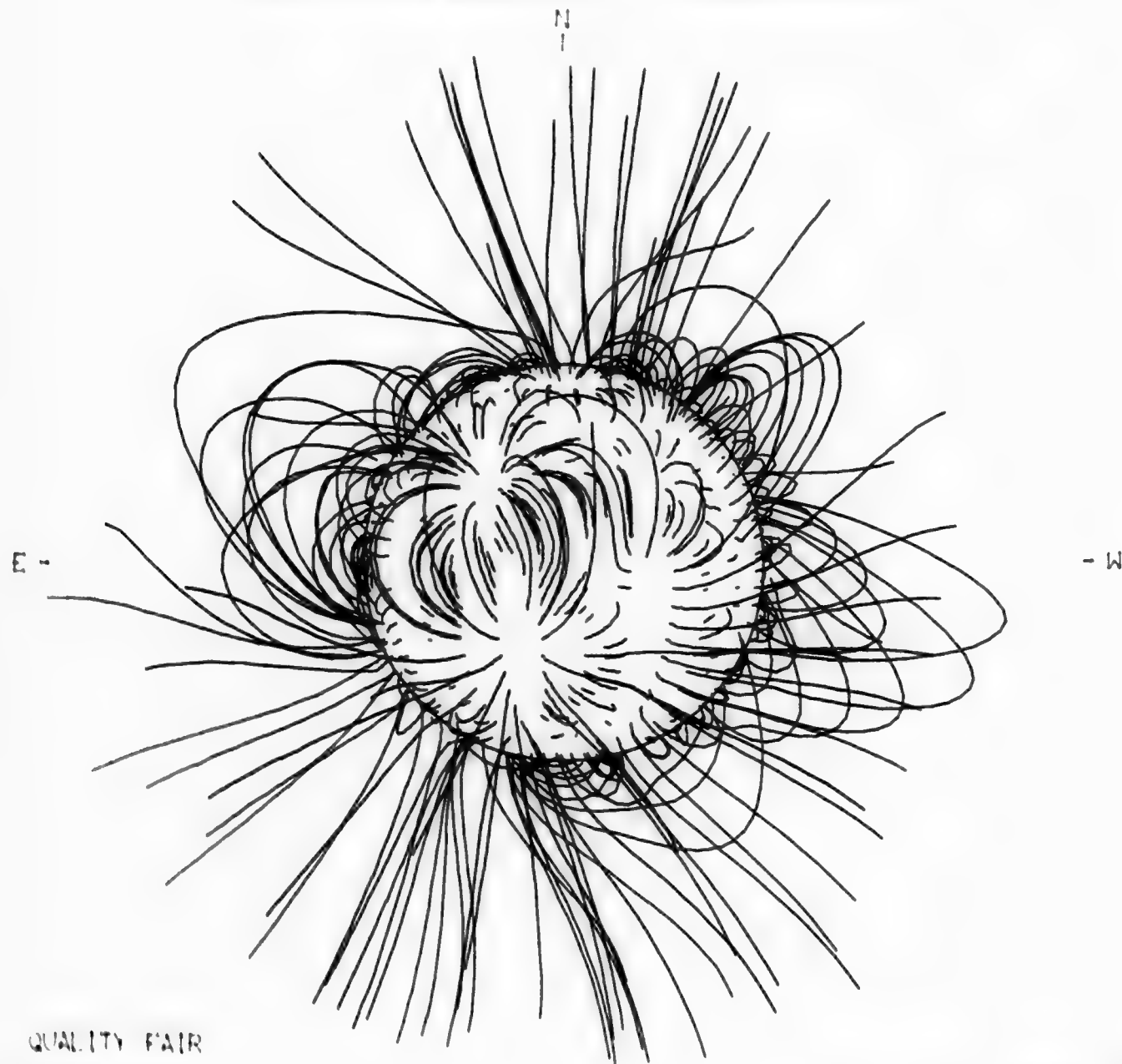
DATA WIND ON 1515.37

S

207.1515 1515.37

207.1515 1515.37

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1515.47

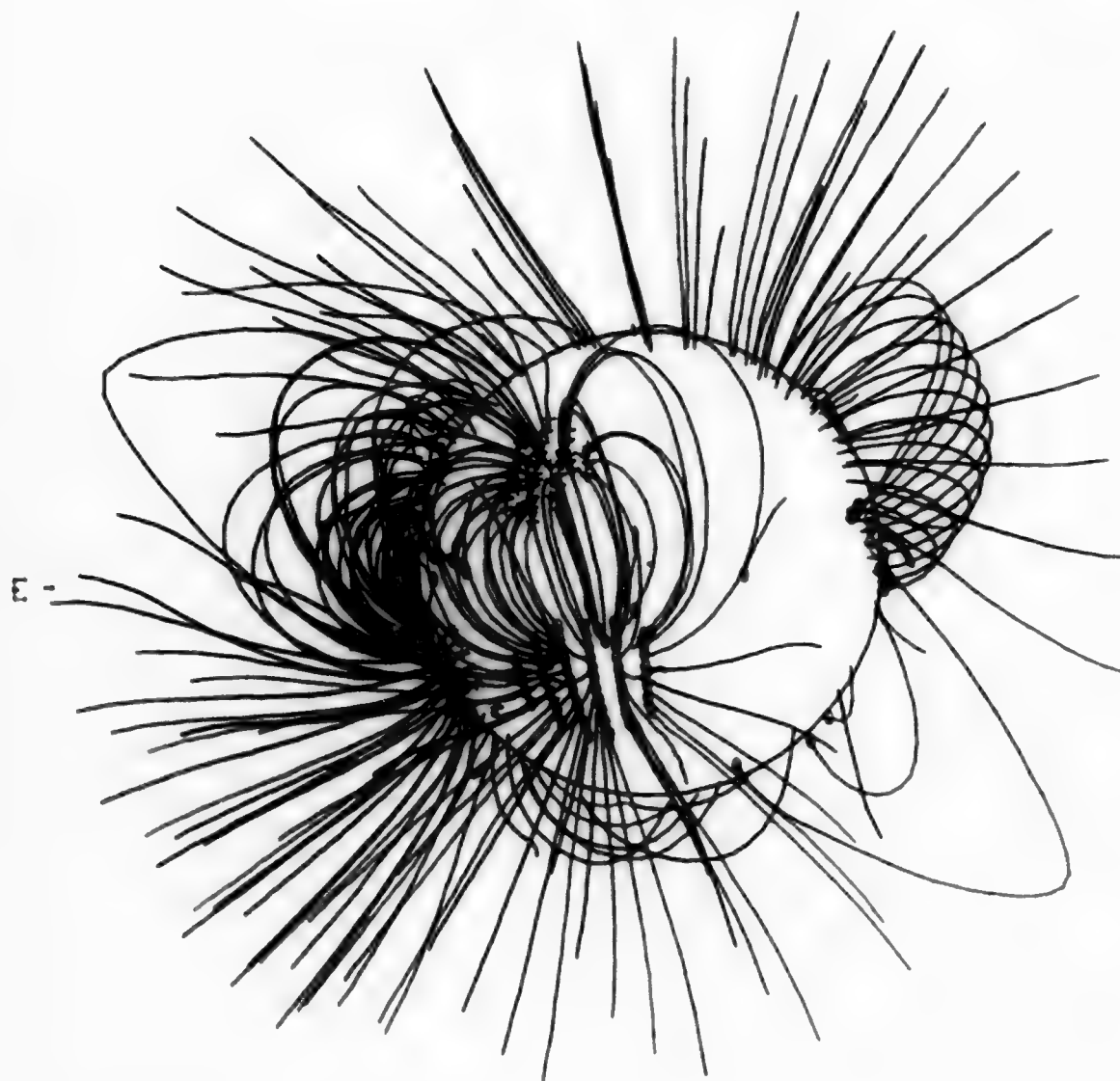
I
S

ROT. 1515 LONG. 40°

26.9 DEC 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



E -

QUALITY FAIR

POLES DIRECT

DATA WINDOW 1919.5"

S

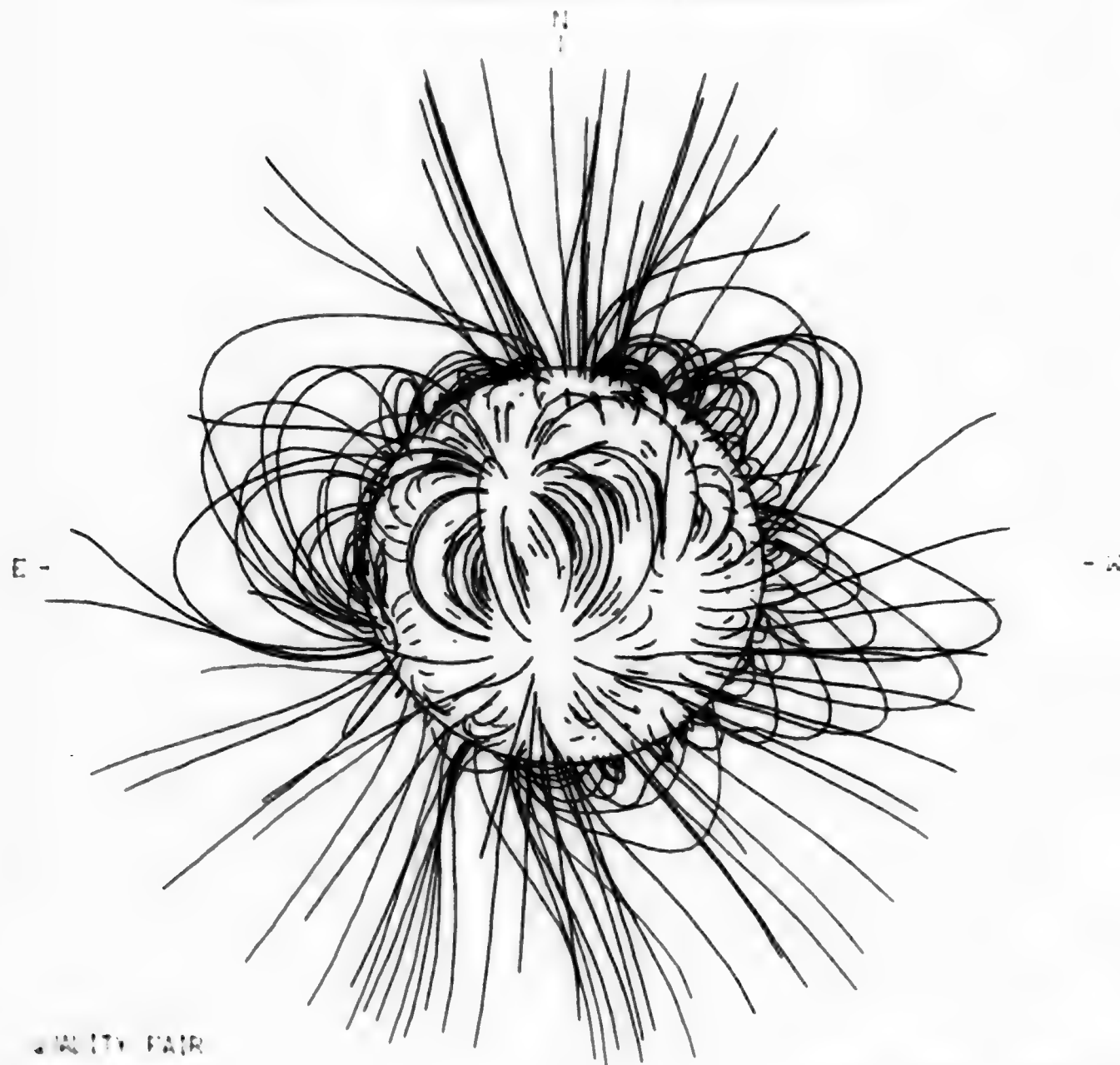
RT. 1919

1919.5"

1919.5"

1919.5"

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

DATA WINDOW 1515.47

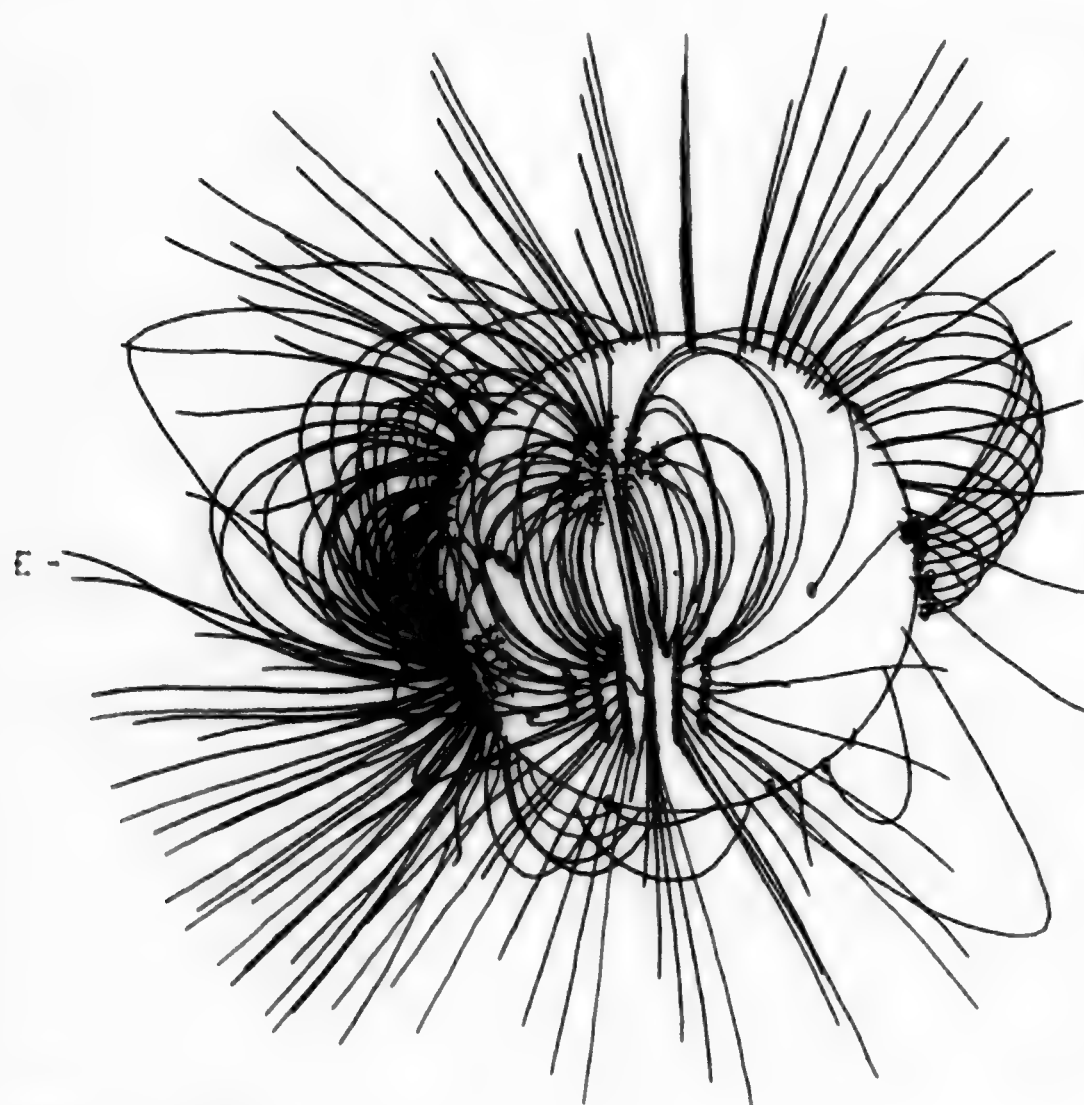
1
5

107.1515 1.115. 50°

27.6 DEC 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

11
1



QUALITY FAIR

FILES DIRECT

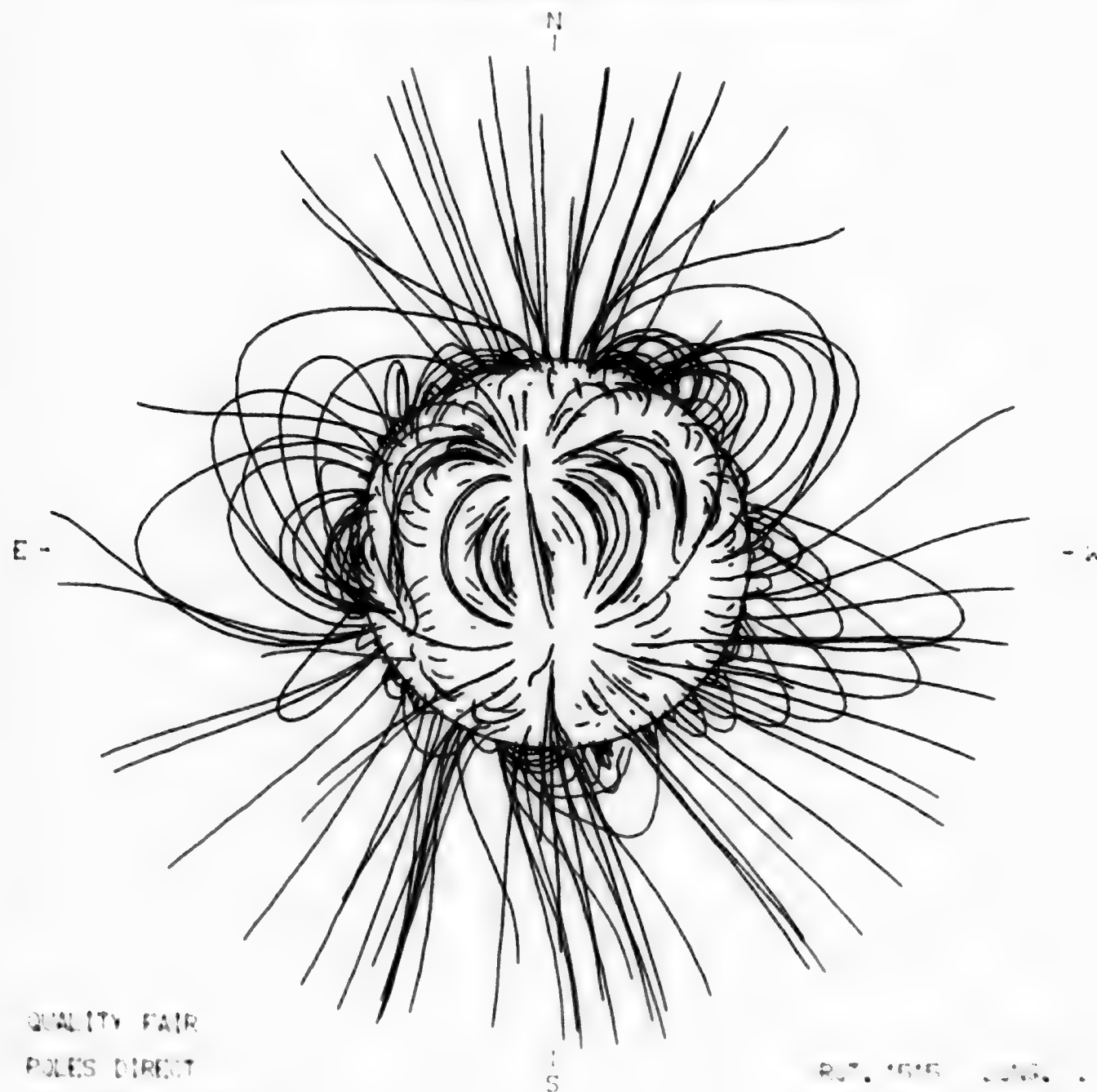
DATA WINDOW 1515.47

1
5

R.T. 1515 1000 1000

27.6 100 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

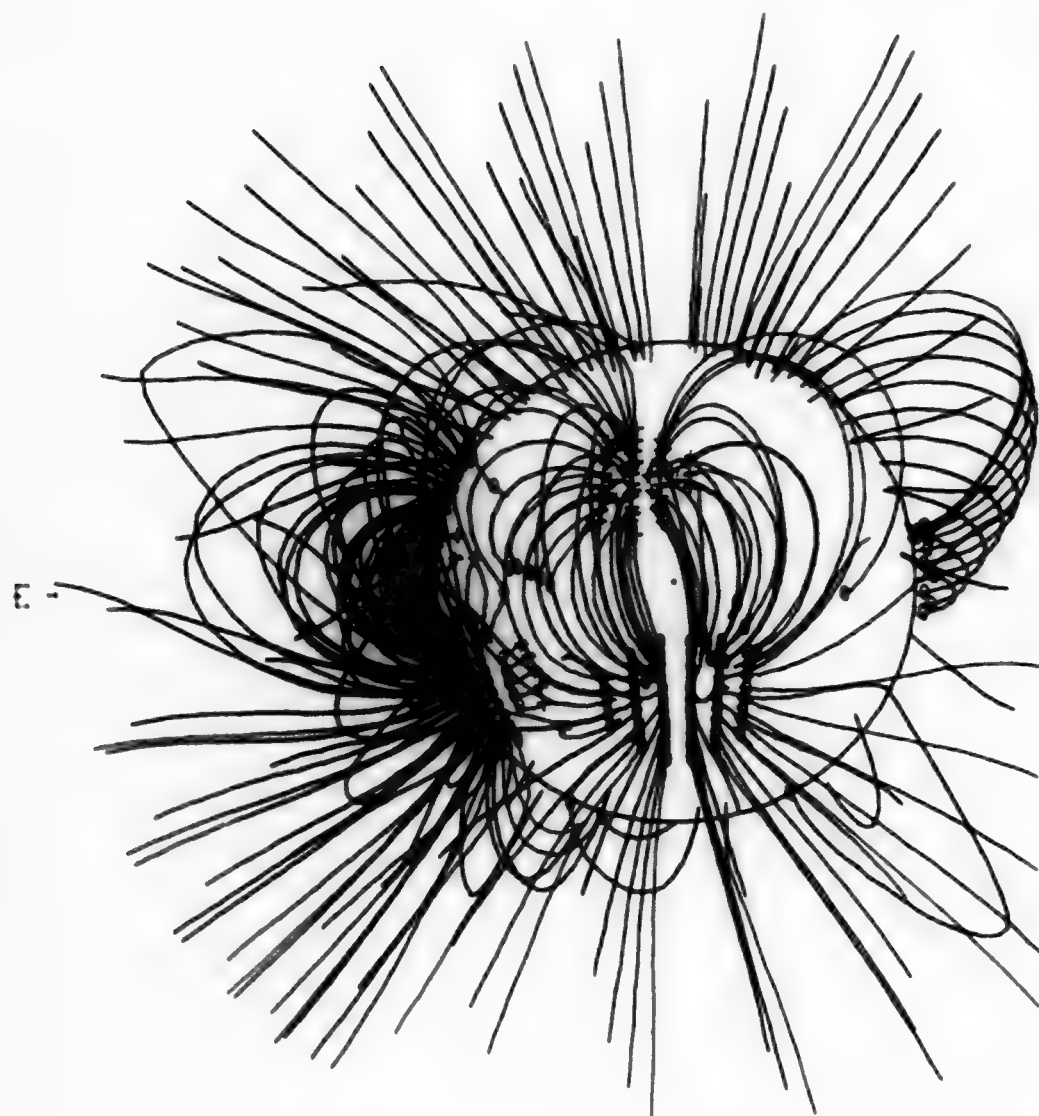
POLES DIRECT

DATA WINDOW 1515.37

2.7. 1975 10.00. 1.0

2.7. 1975 10.00. 1.0

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1515.47

1
S

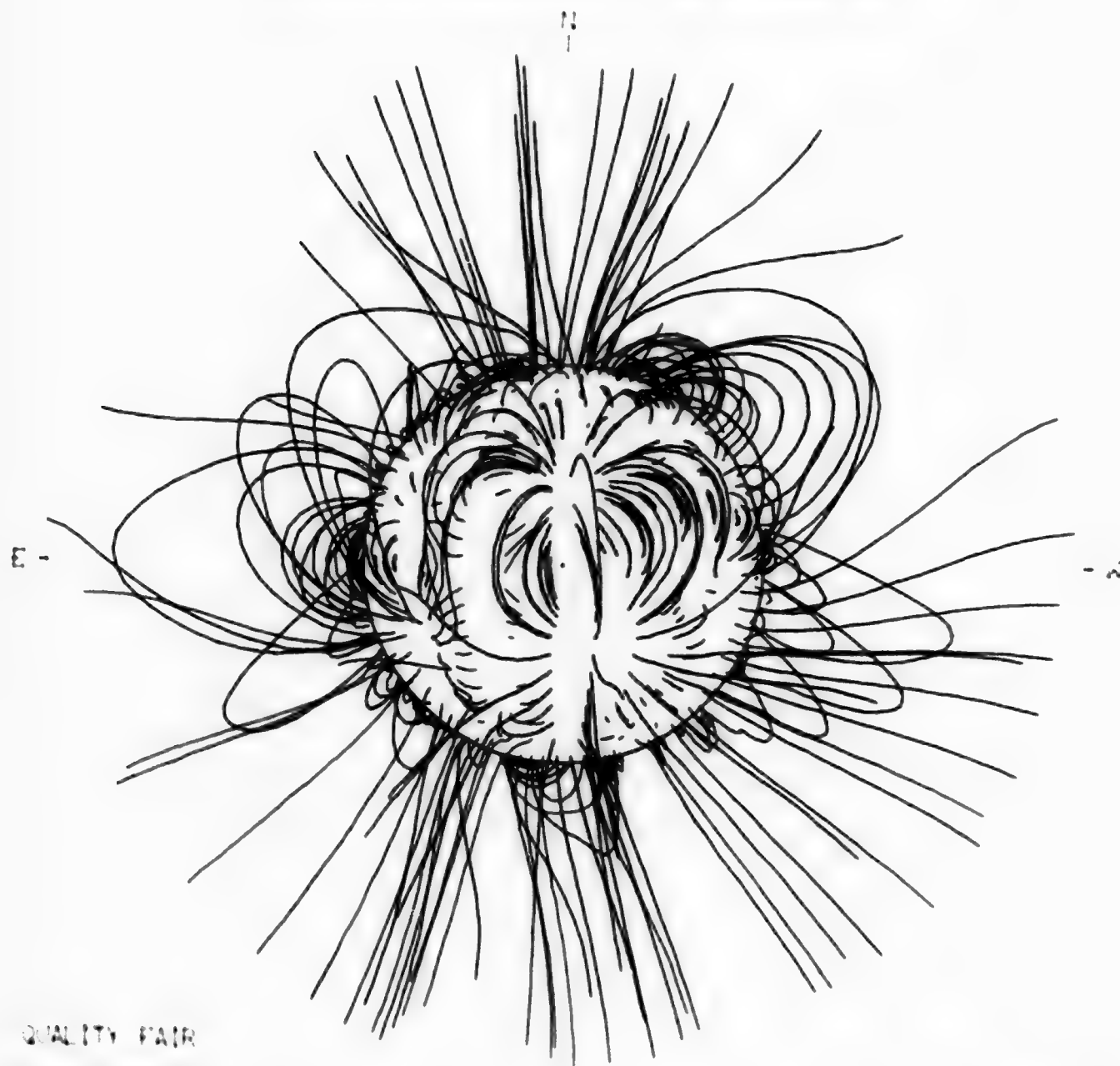
REL. 1515

1.000 1.00

108.4 10

1.000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

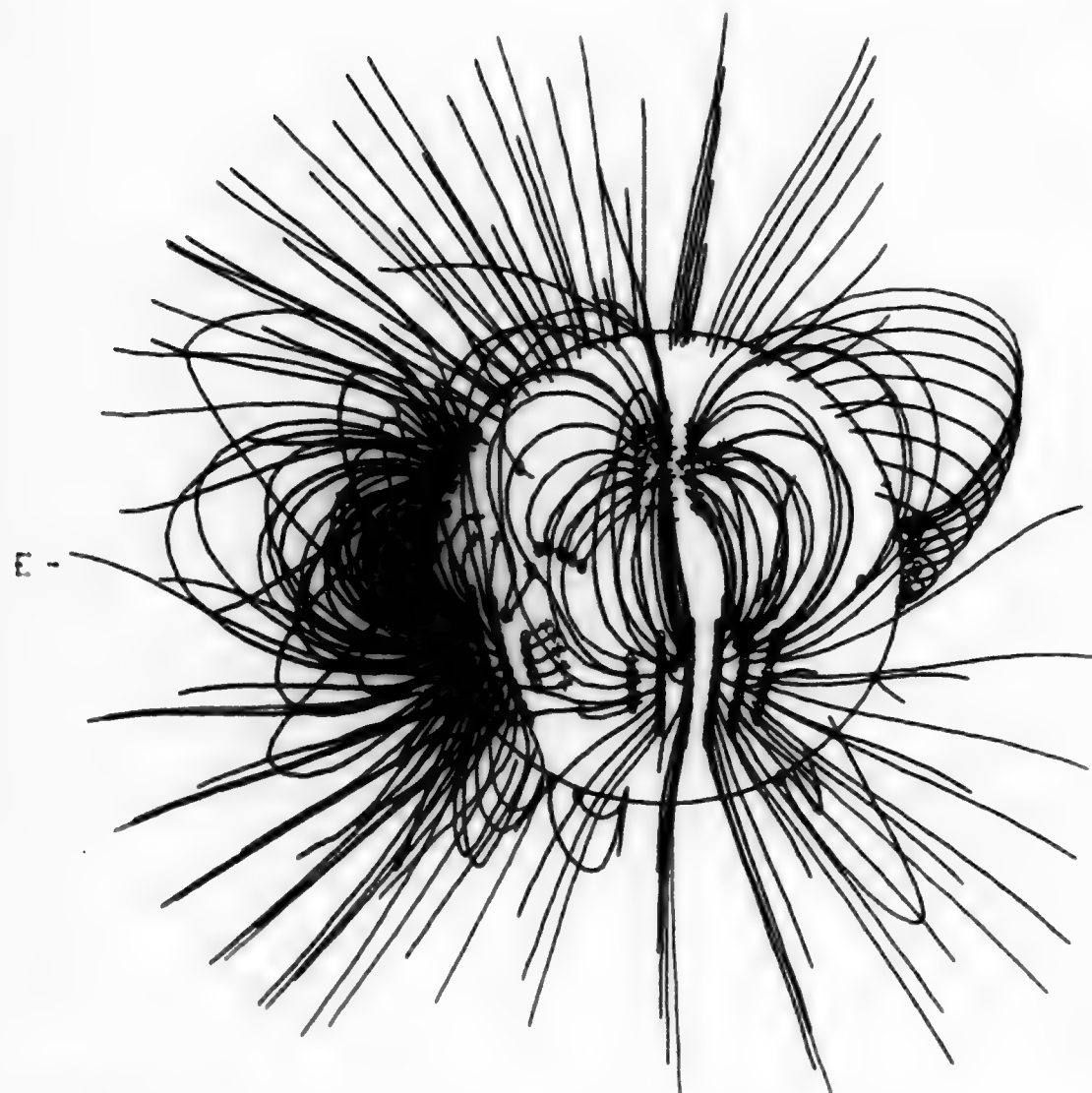
POLES DIRECT

DATA WINDOW 1915, 27

REF. 1515 1011 11

1011 11 1011

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

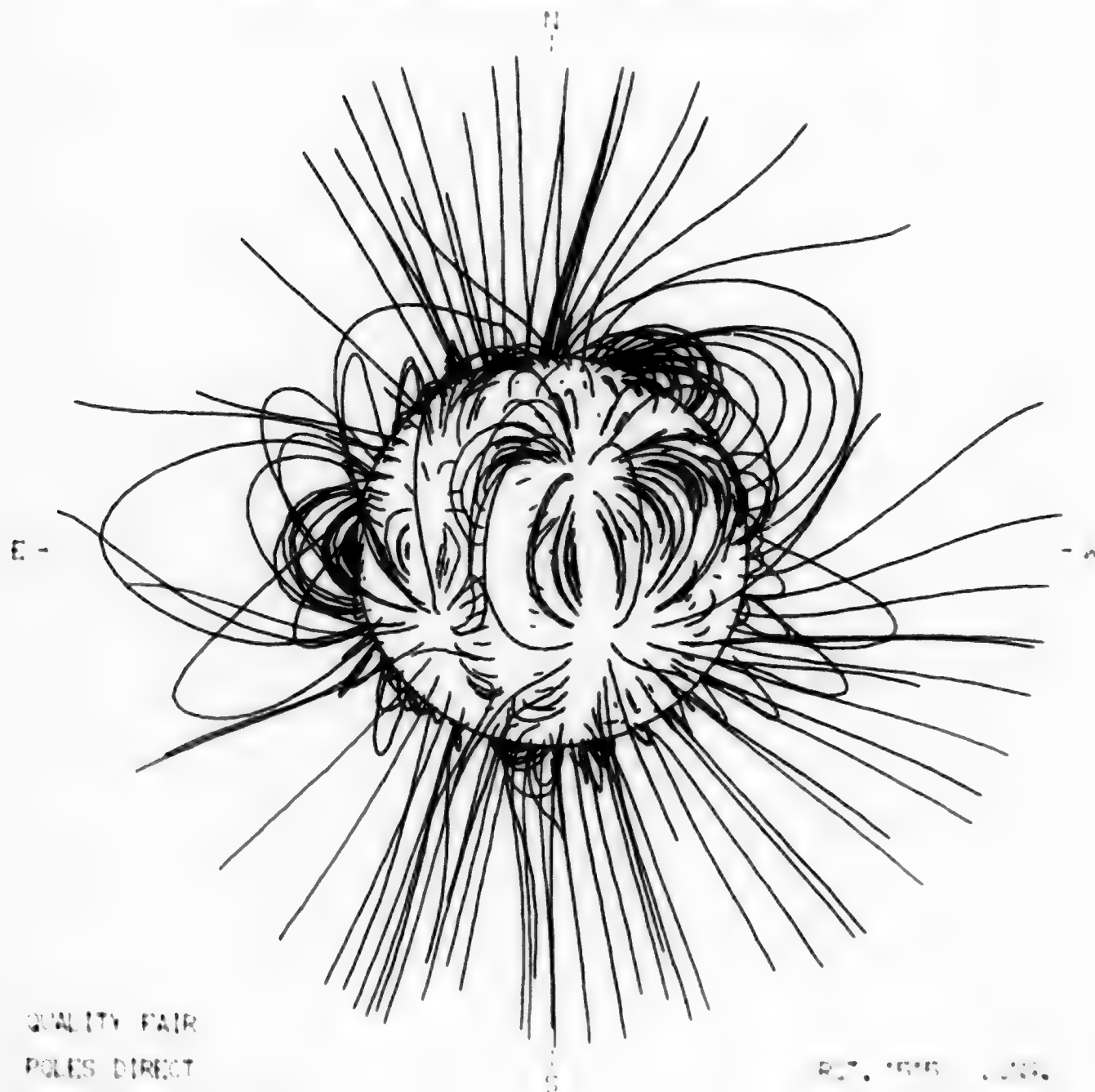
DATA WINDOW 1515.47

1
S

PLT. 1515.47 1515.47

PLT. 1515.47 1515.47

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

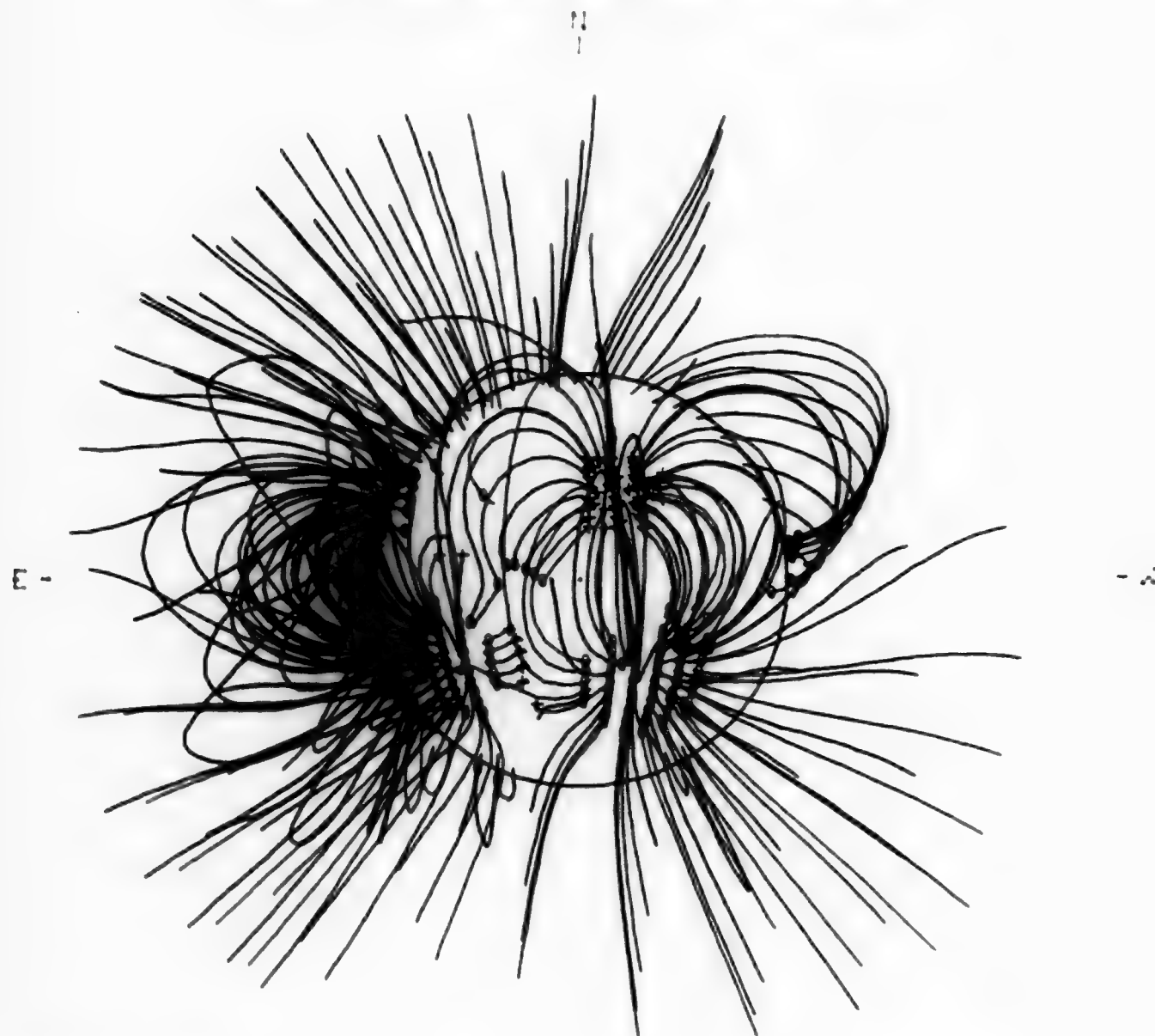
POLES DIRECT

DATA WINDOW 1515.47

27. 1515 1.10. 1966

24.9 DEC 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

RULES DIRECT

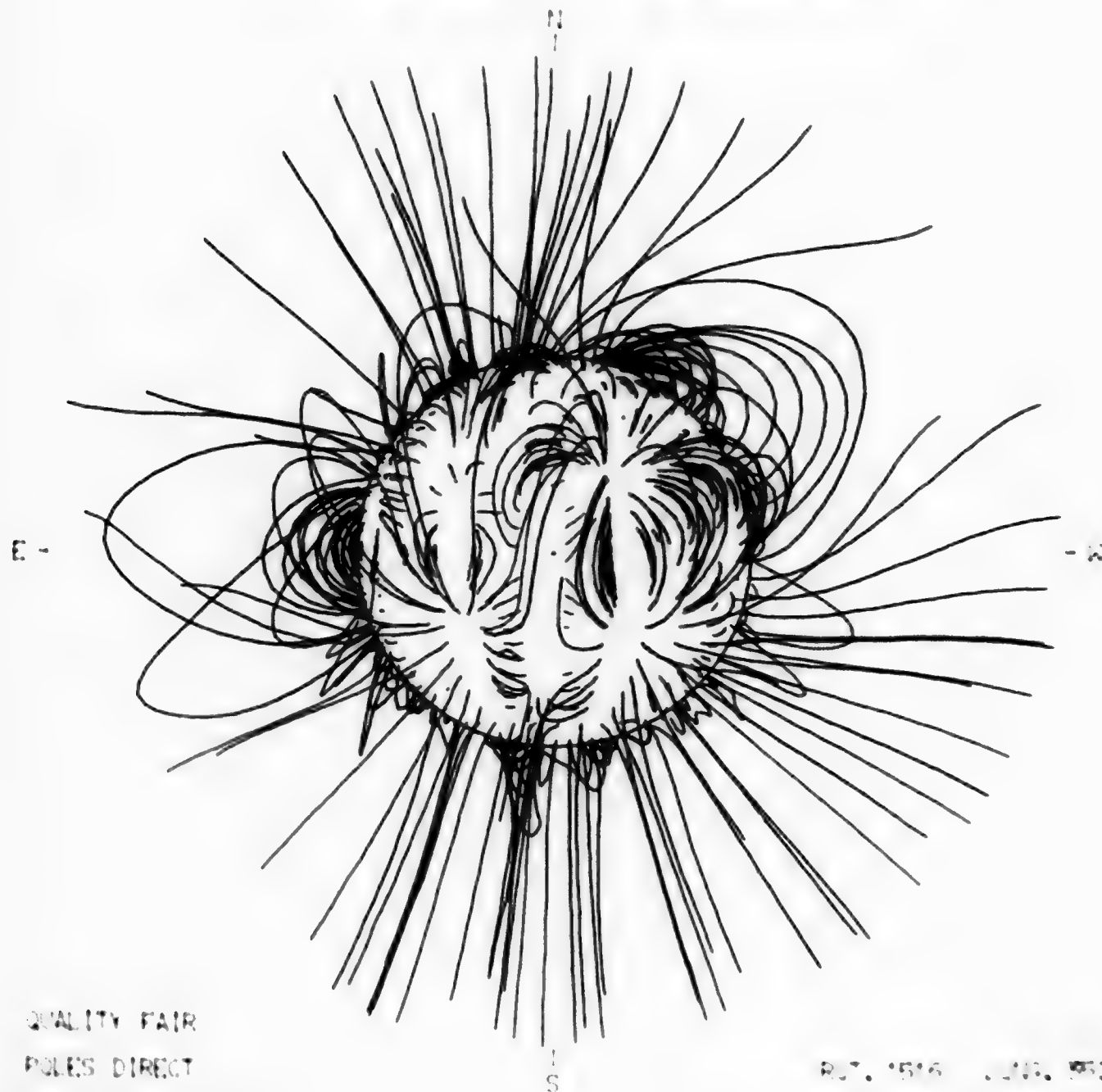
DATA WINDOW 1515.47

1
S

PLT. 1515.47

PLT. 1515.47

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

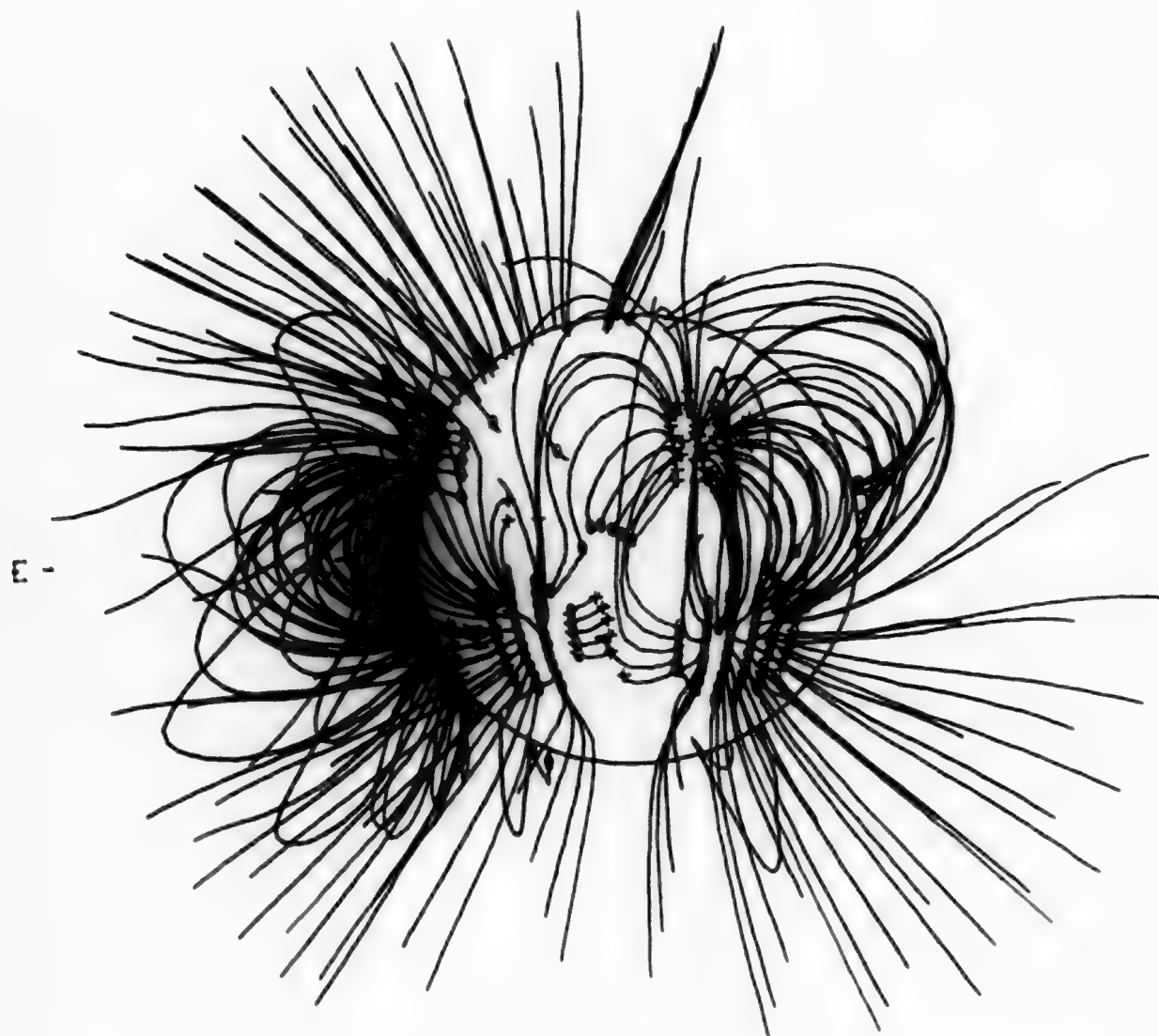
DATA WINDOW 1515.47

RUT. 1516 JUL. 1951

30.7 DEC 1956

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
|



E -

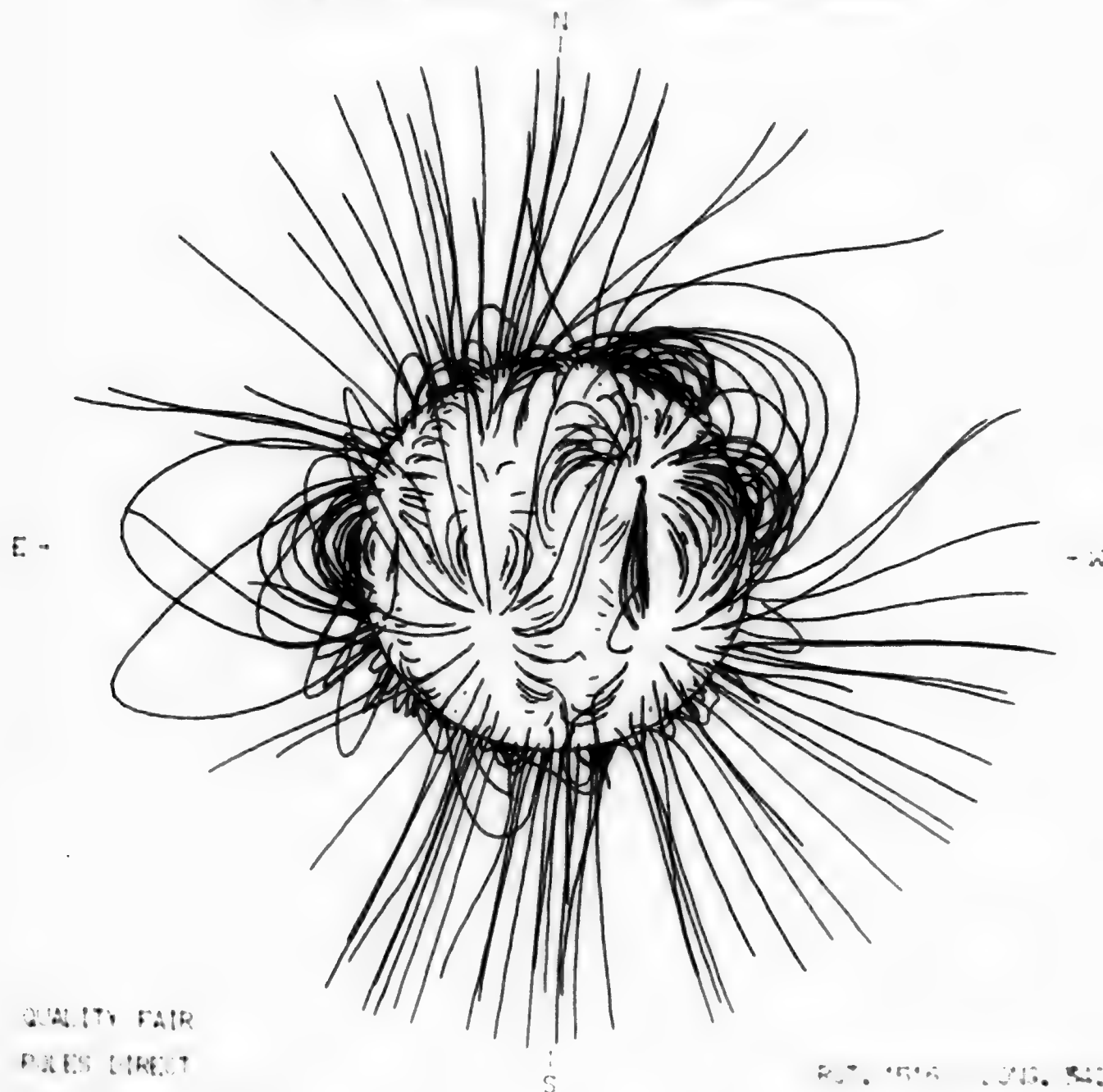
- W

QUALITY FAIR
RULES DIRECT
DATA WINDOW 1515.47

S
|

REL. 1516 1015. 550
30.7 101. 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

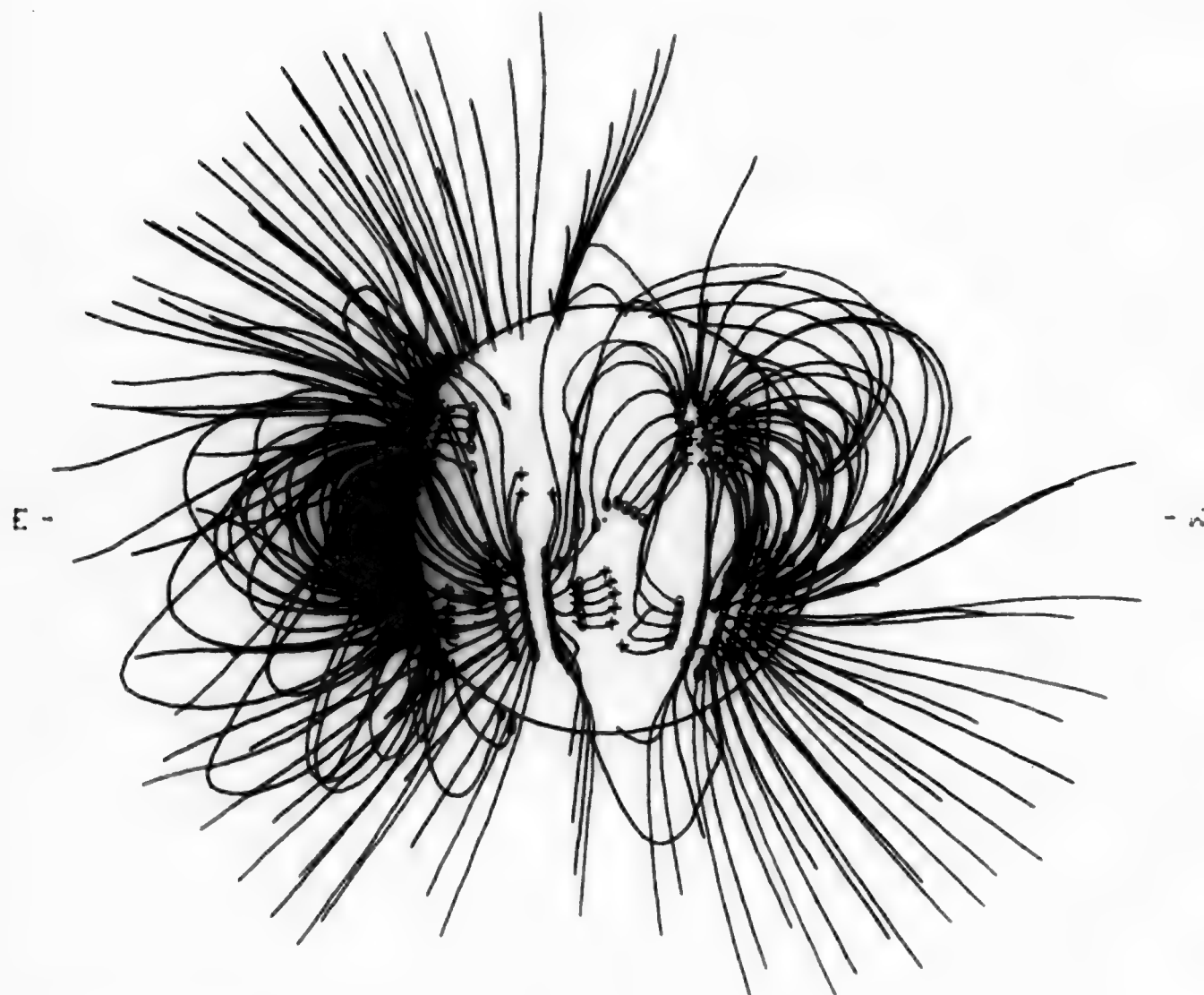
POLES DIRECT

DATA WINDOW 1515.47

207.1516 1016.341

31.4 DEC 1966

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

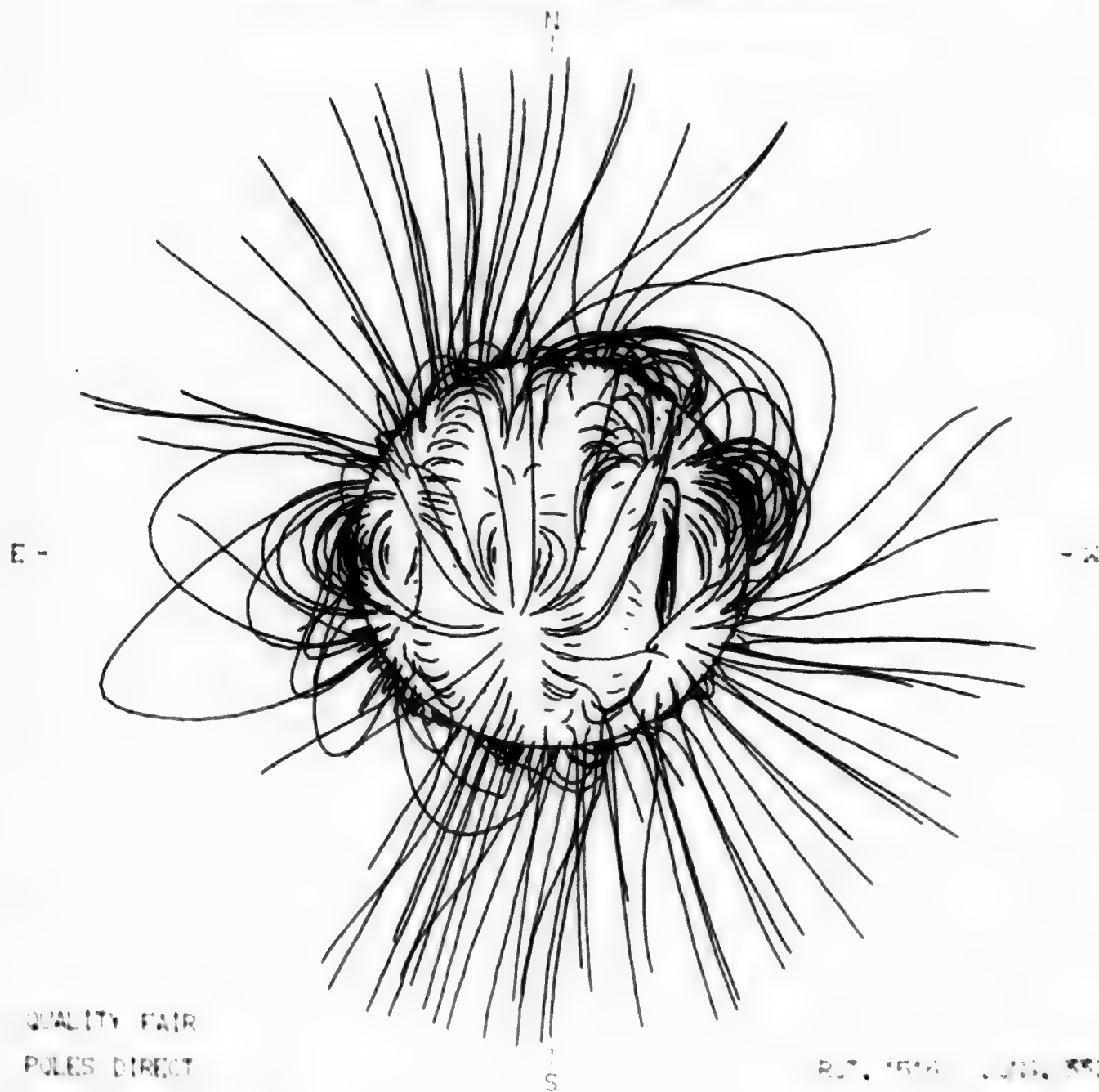
DATA WINDOW 1515.47

1
S

ROT. 15.16 1010. 15.16

15.16 15.16

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

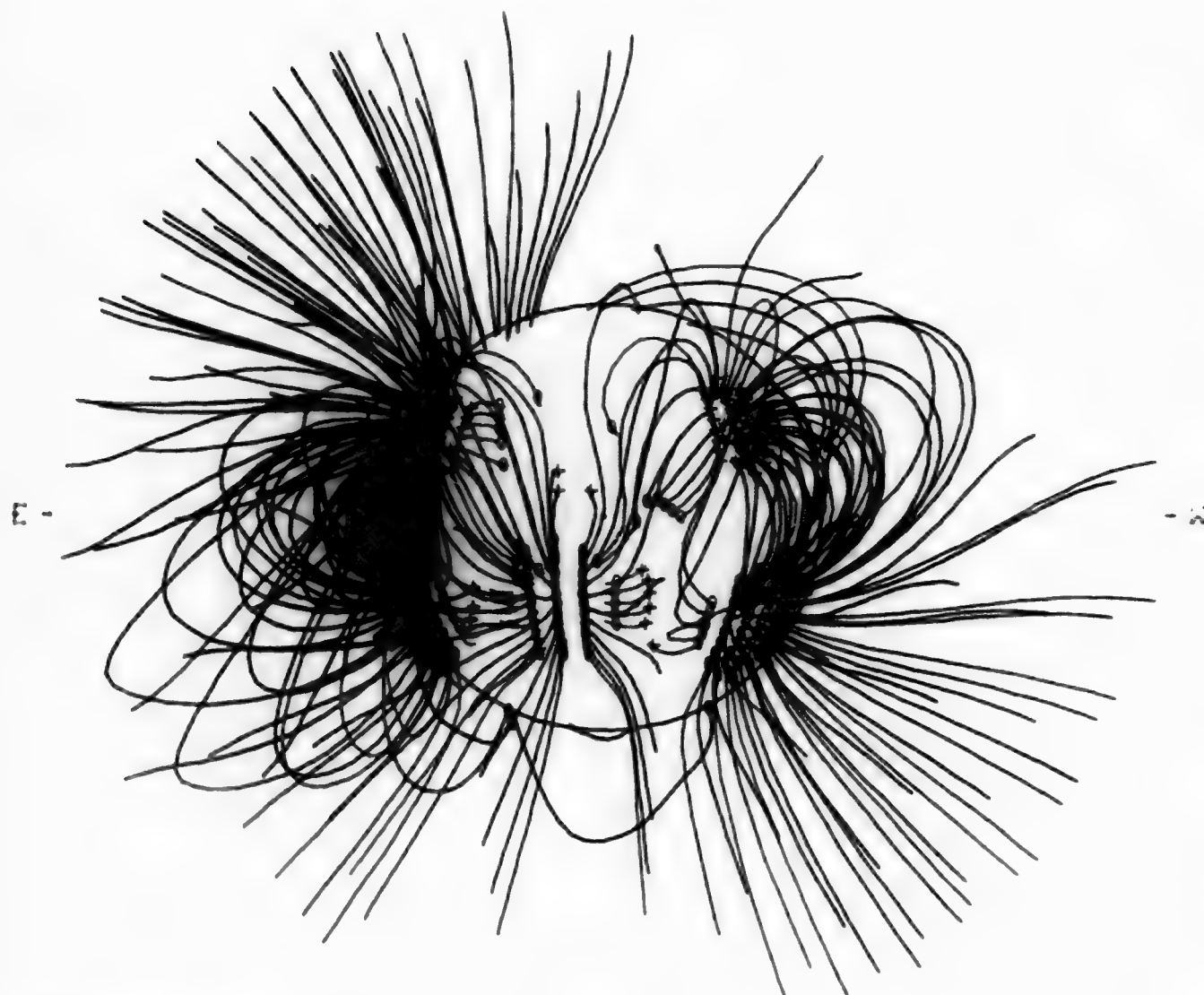
POLES DIRECT

DATA WINDOW 1515.47

RUT. 1515.47 1515.47

1.2 1515.47

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

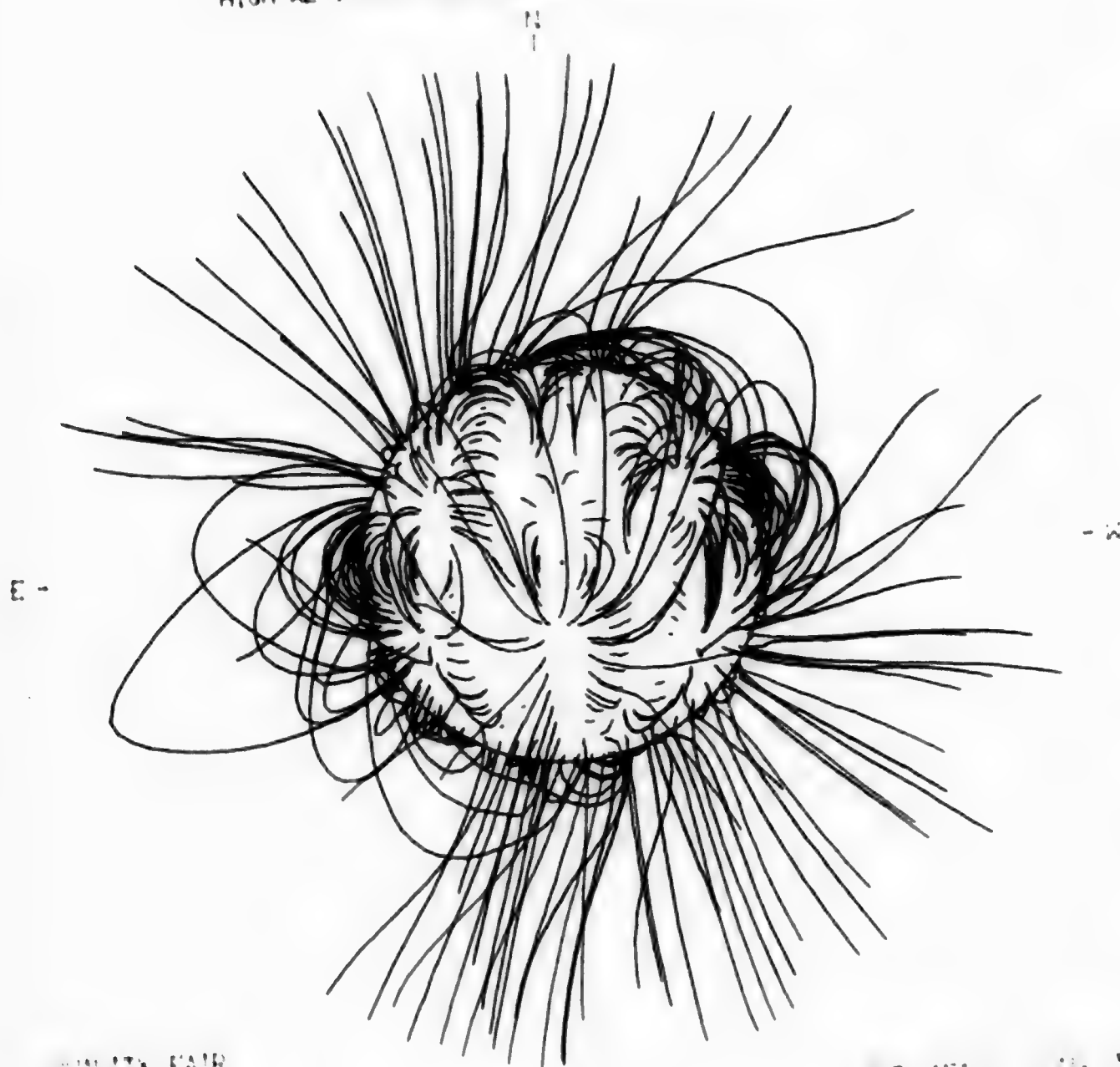
FILES DIRECT

DATA WINDOW 1995.07

R07.15'6" L016.350"

1.1 1.1 1.1

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

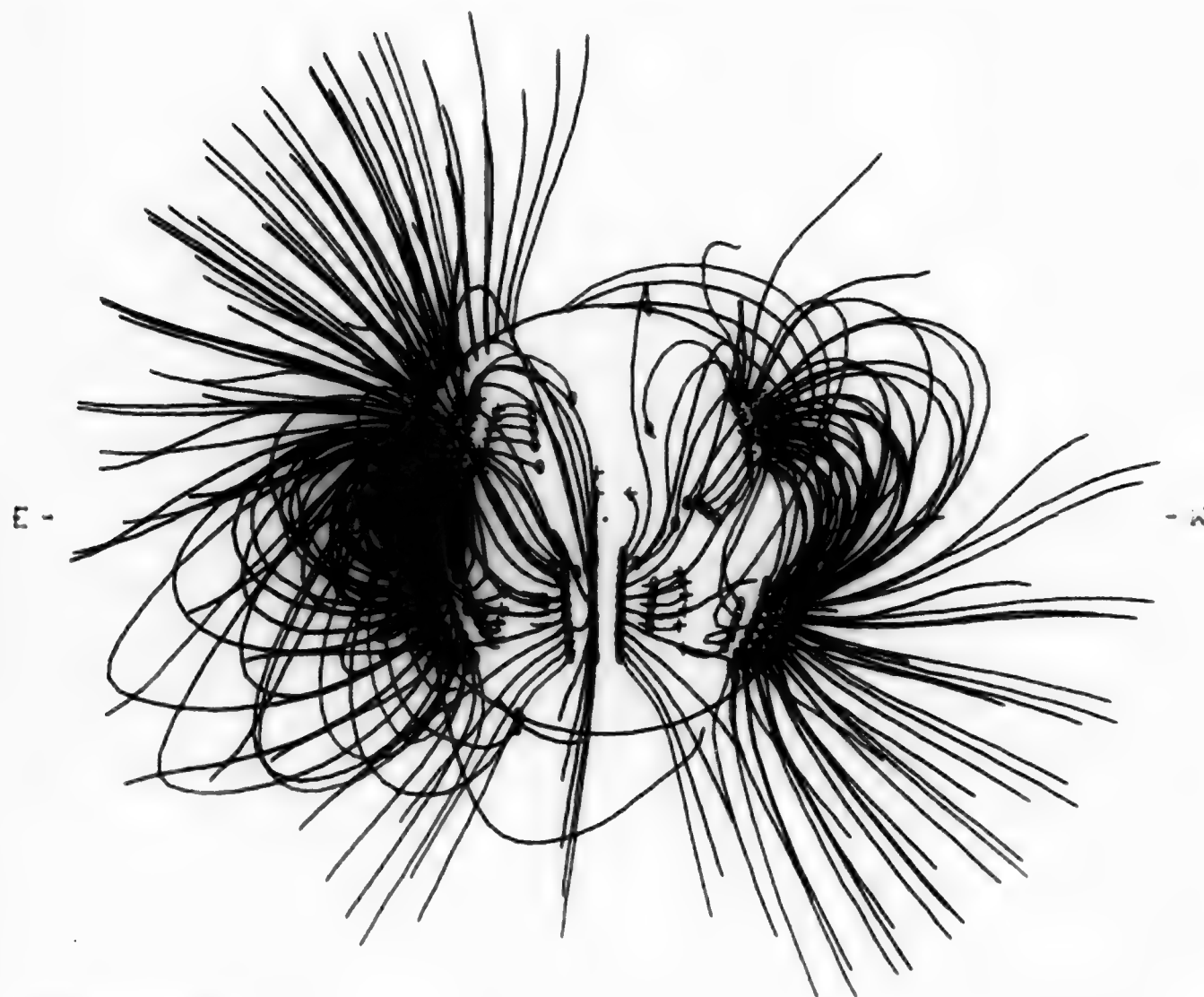


QUALITY FAIR
FILES DIRECT
DATA WINDOW 1515.37

RECEIVED 10/11/80
10/11/80

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
|



QUALITY FAIR

PAES DIRECT

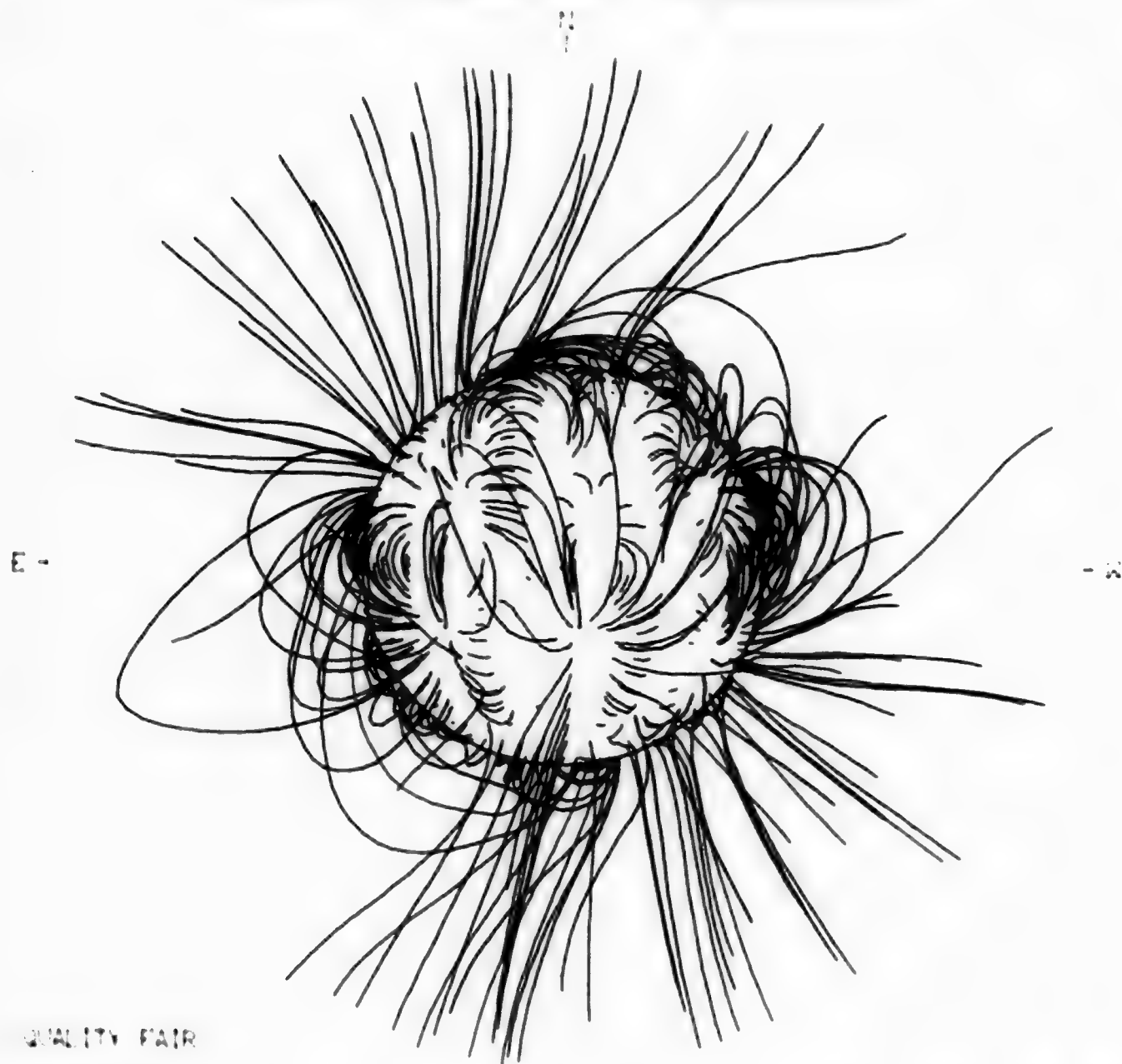
DATA WINDOW 1515.07

1
S

PLT. 1914 1110. 5.0

1.0 121 107

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

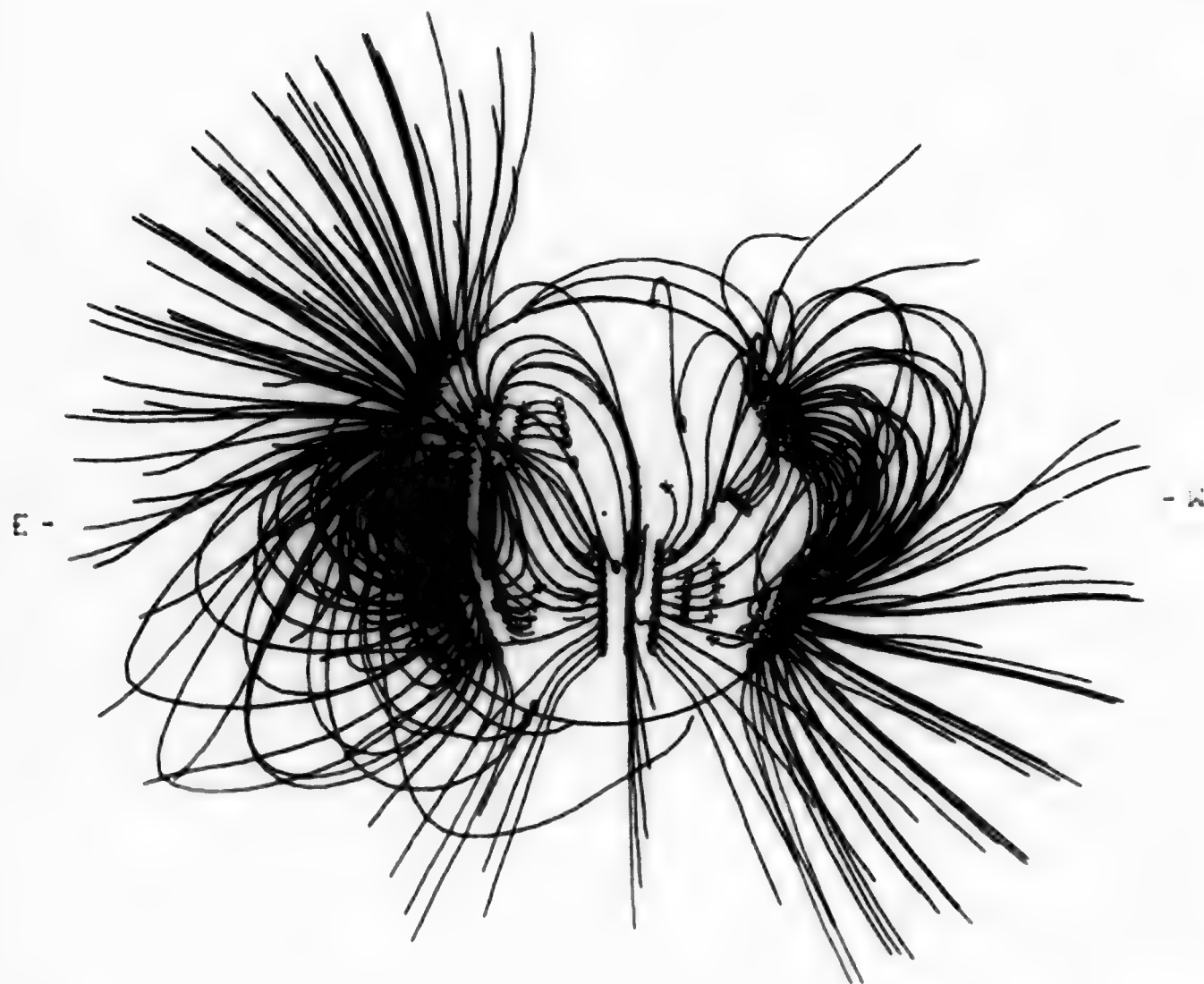
DATA WINDOW 1515.47

ROT. 1516 LONG. 51°

2.7 0.21 1.56

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES DIRECT

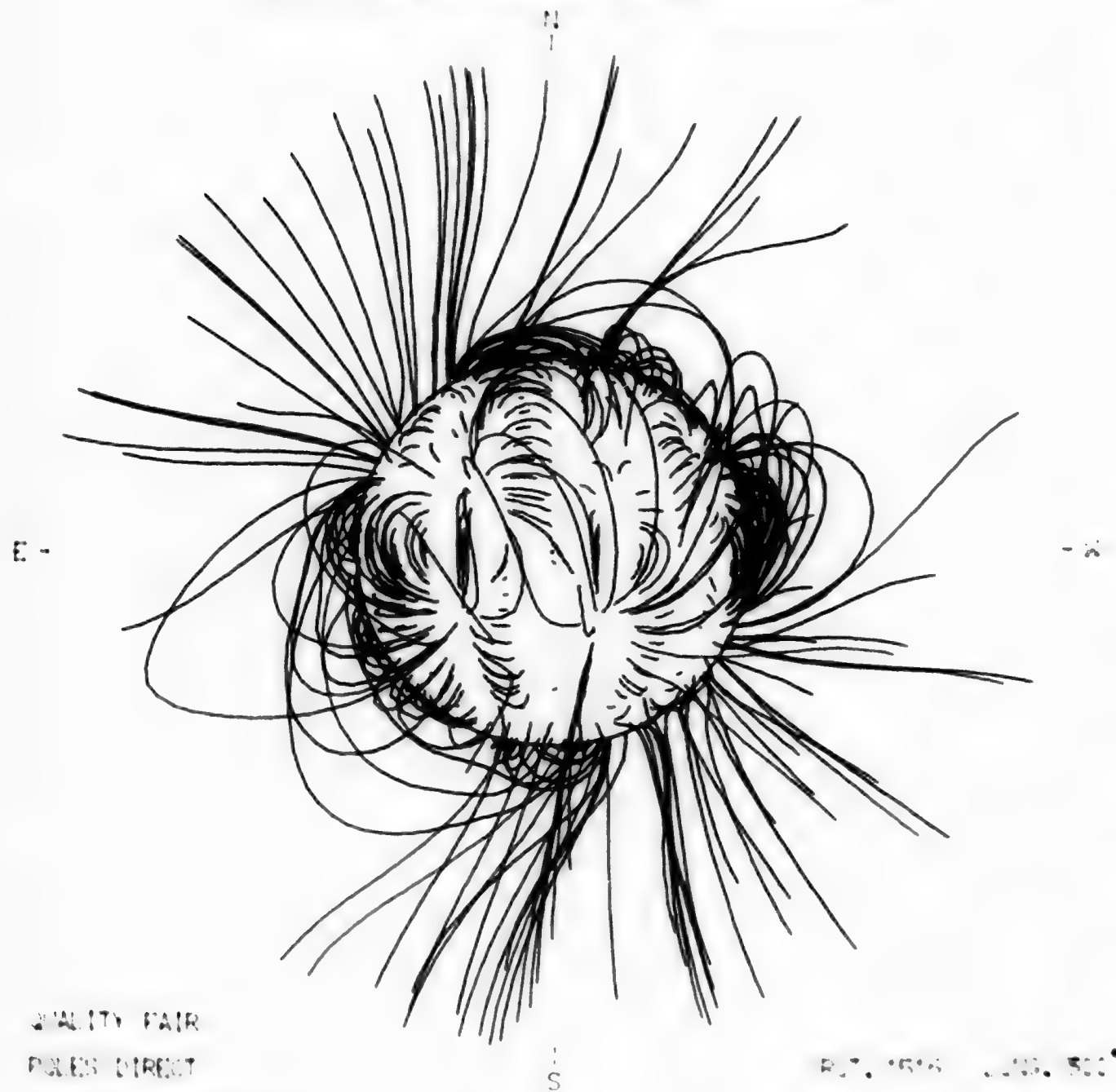
DATA WINDOW 1515.47

S

R.T. 1515 1515.47

1515 1515.47

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

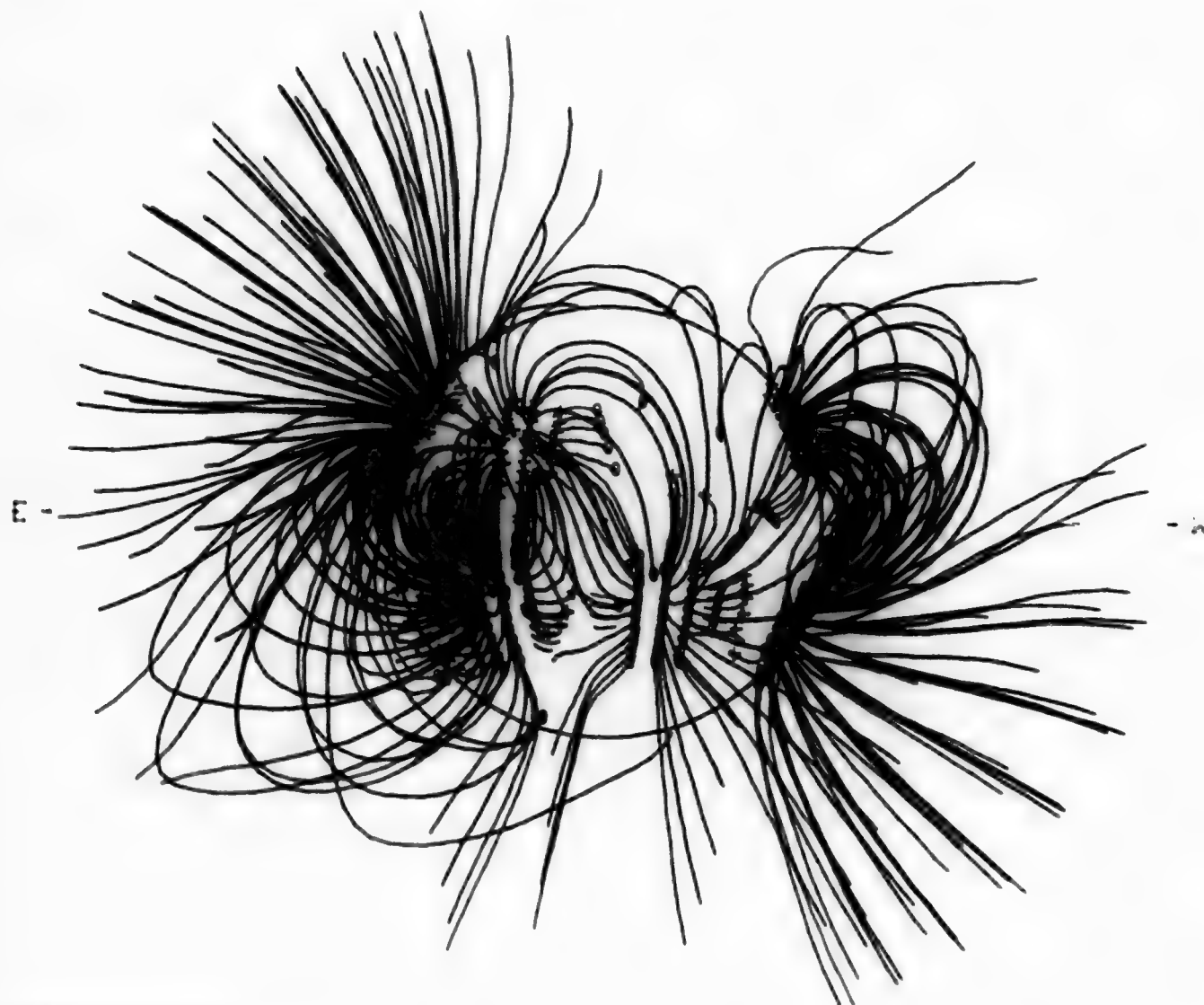
DATA WINDOW 1515.47

R.T. 1515 1515.500

3.4 1515 1515

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
|



QUALITY FAIR

POLES DIRECT

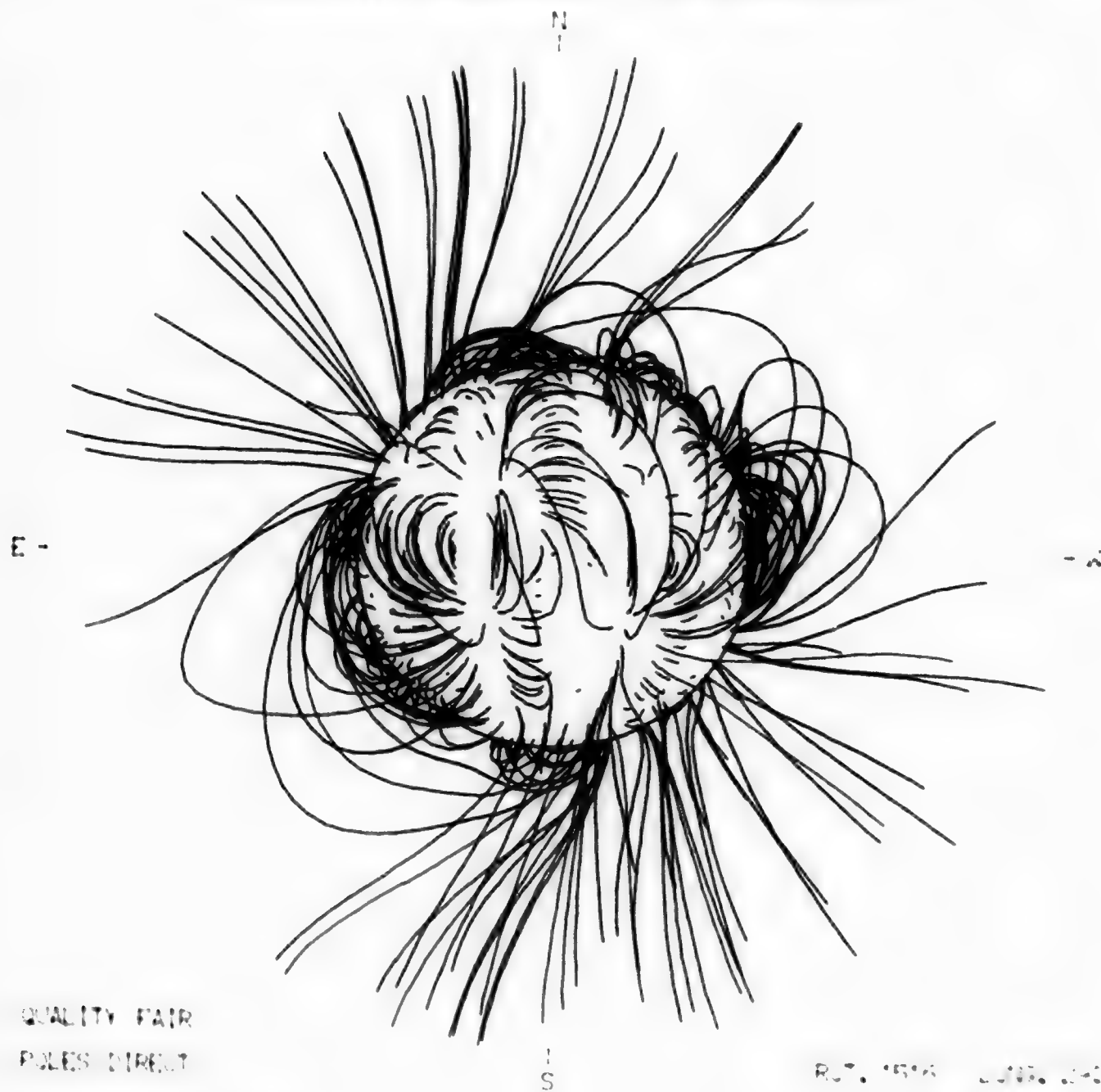
DATA WINDOW 1515.47

1
S

ROT. 15.6 LONG. 300°

3.4 (21. 1957)

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

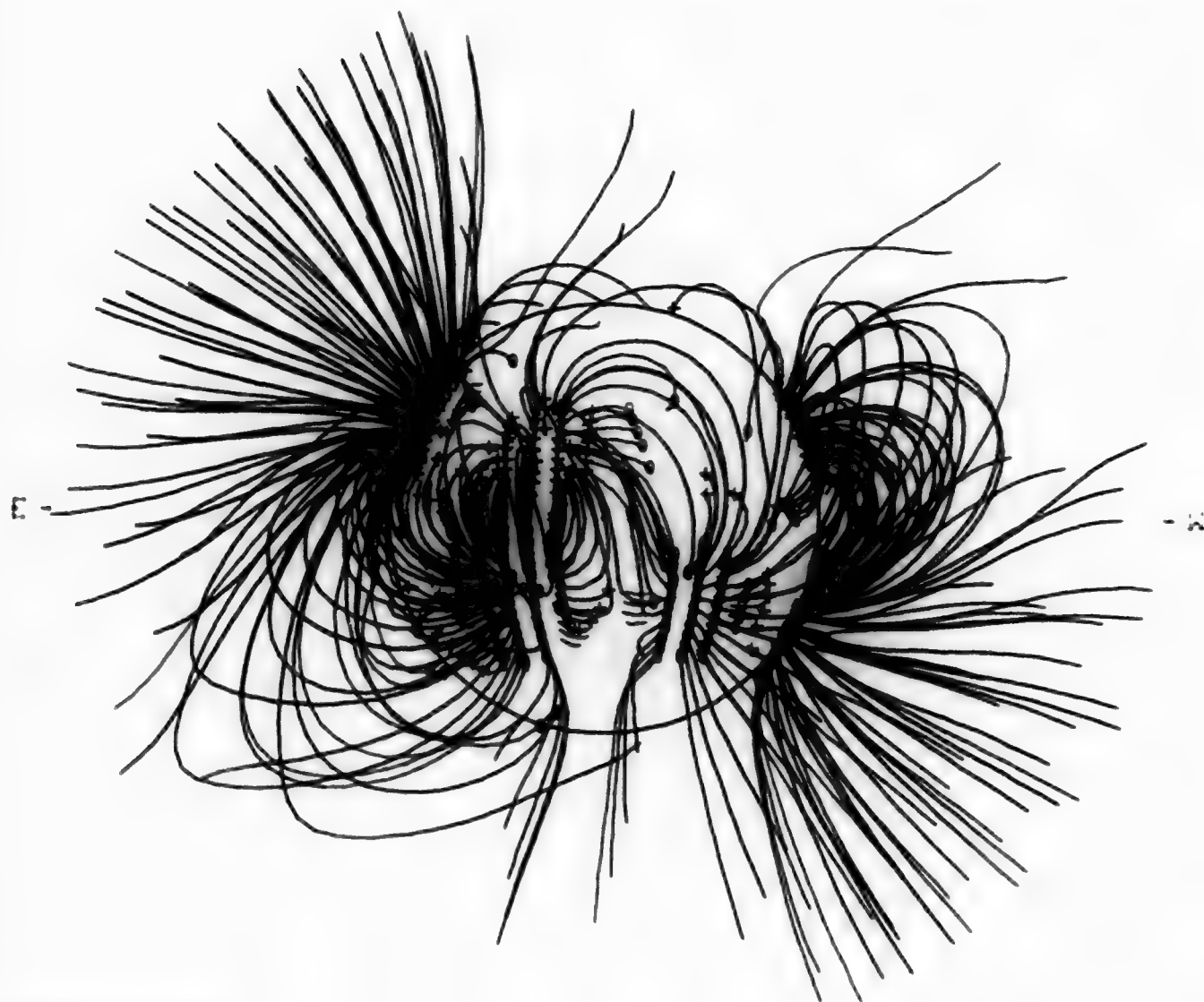
DATA WINDOW 1515.47

RUT. 1515.47 1515.47

4.0 1515.47

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

11
1



QUALITY FAIR

POLES DIRECT

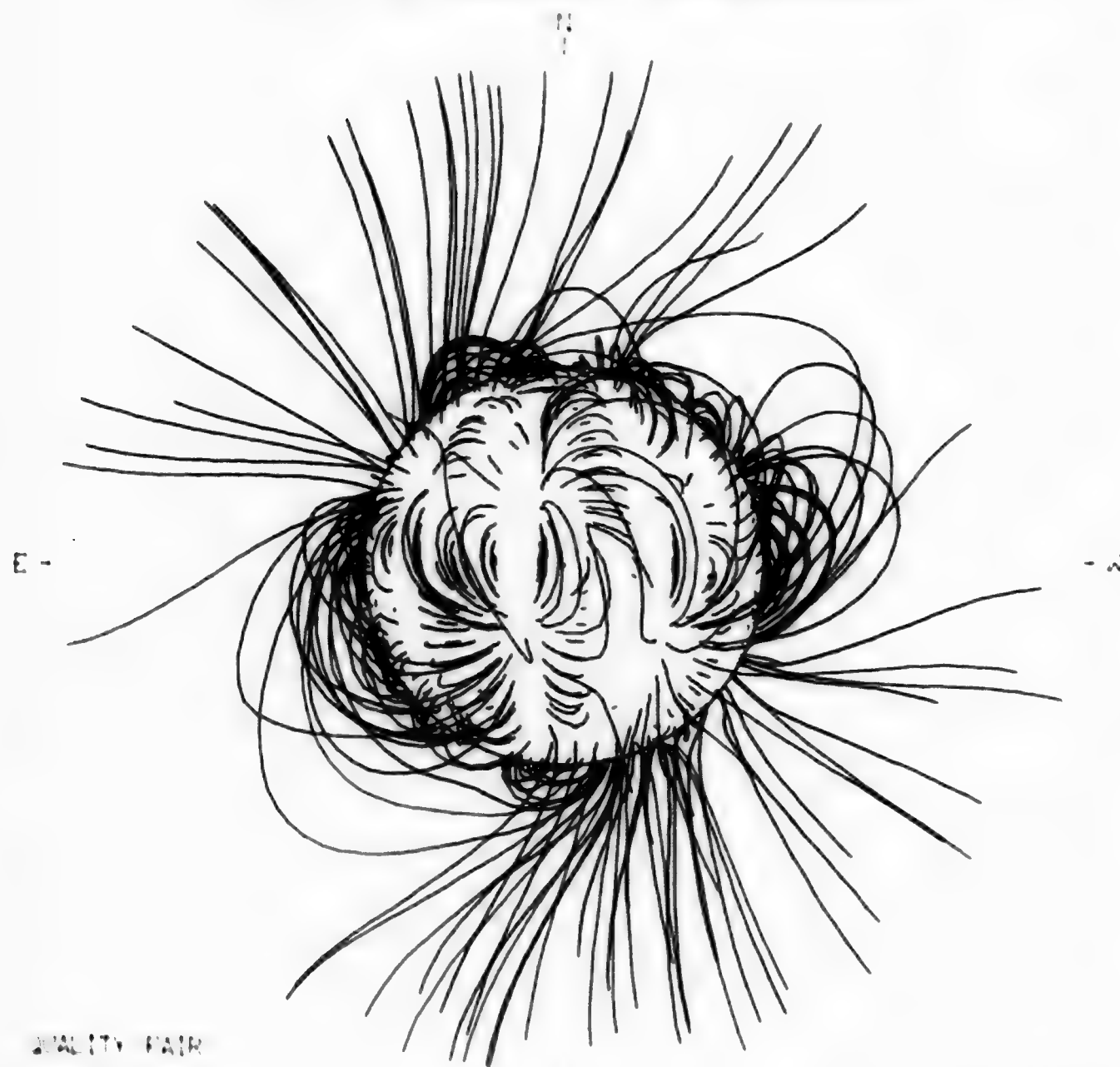
DATA WINDOW 1515.47

1
5

R.T. 1516 L.M.S. 240°

4.2 (21) 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

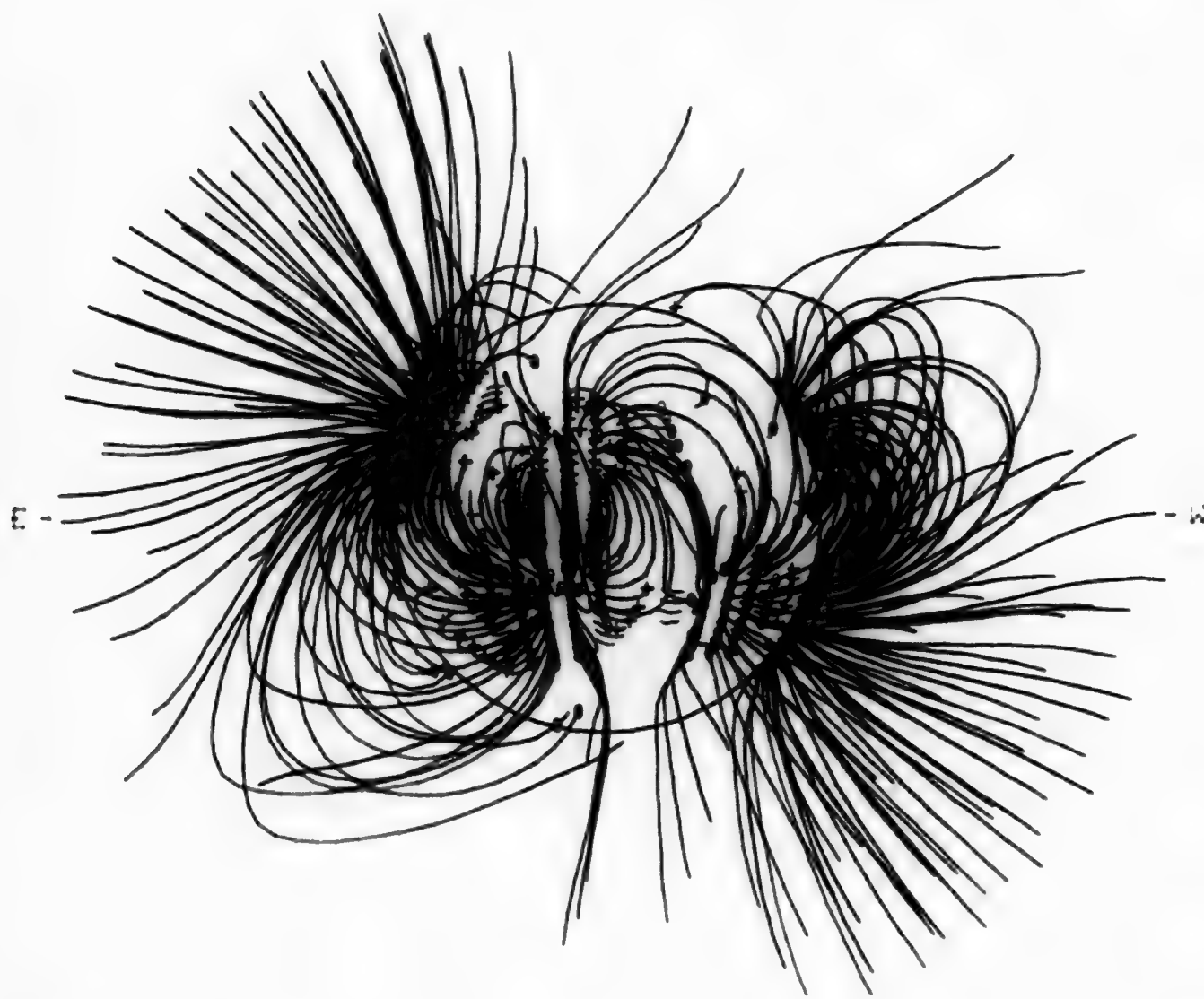
DATA WINDOW 1515.47

REF. 1515.47

15.1 21. 1987

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

11
1



QUALITY FAIR

POLES DIRECT

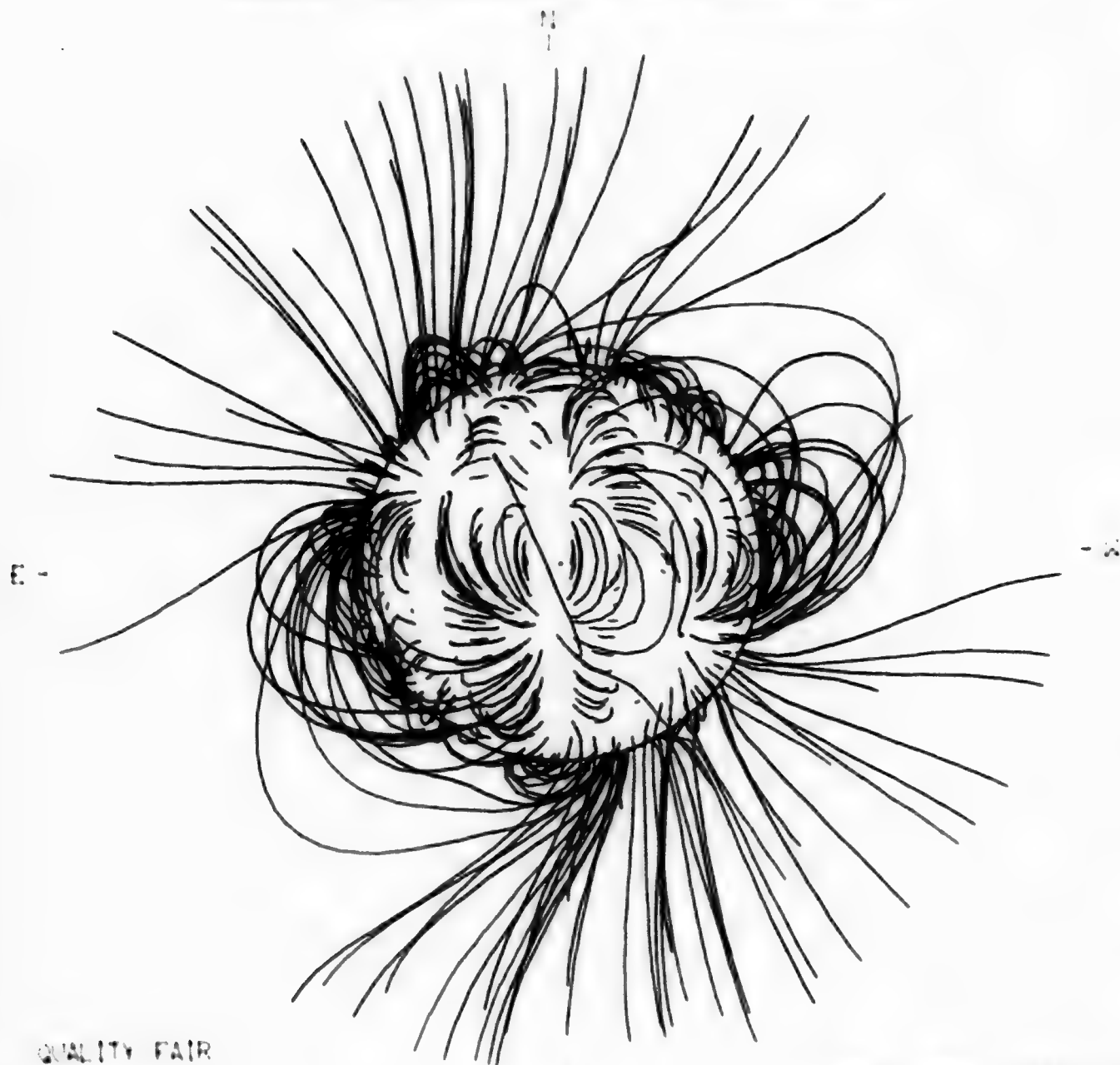
DATA WINDOW 1515.47

1
S

ROT. 1515.47 1000.000°

5.0 1000.000°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

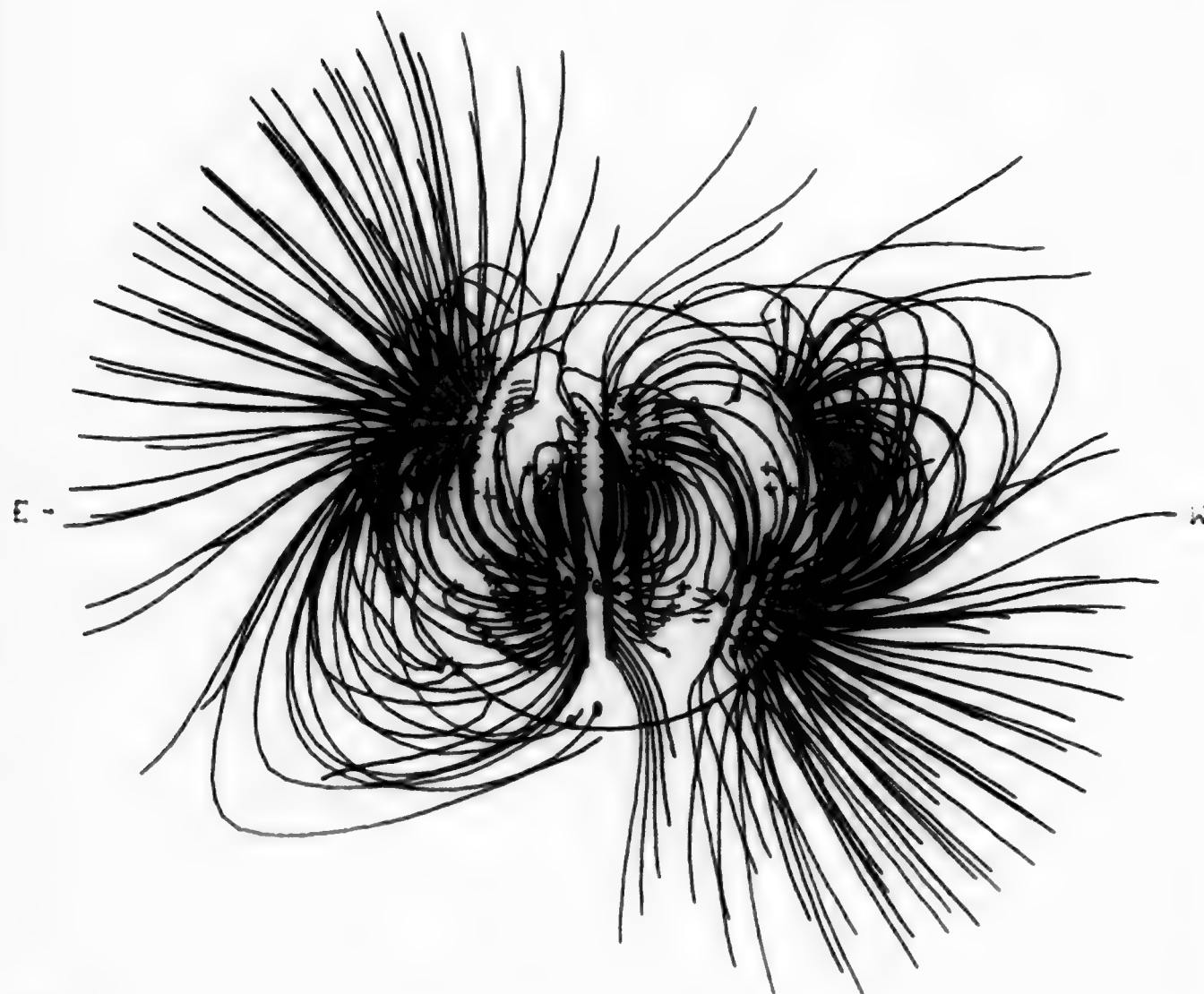
DATA WINDOW 1515.47

R.T. 1516 1515.47

5.7 1515.47

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
|



E -

W

QUALITY FAIR

POLES DIRECT

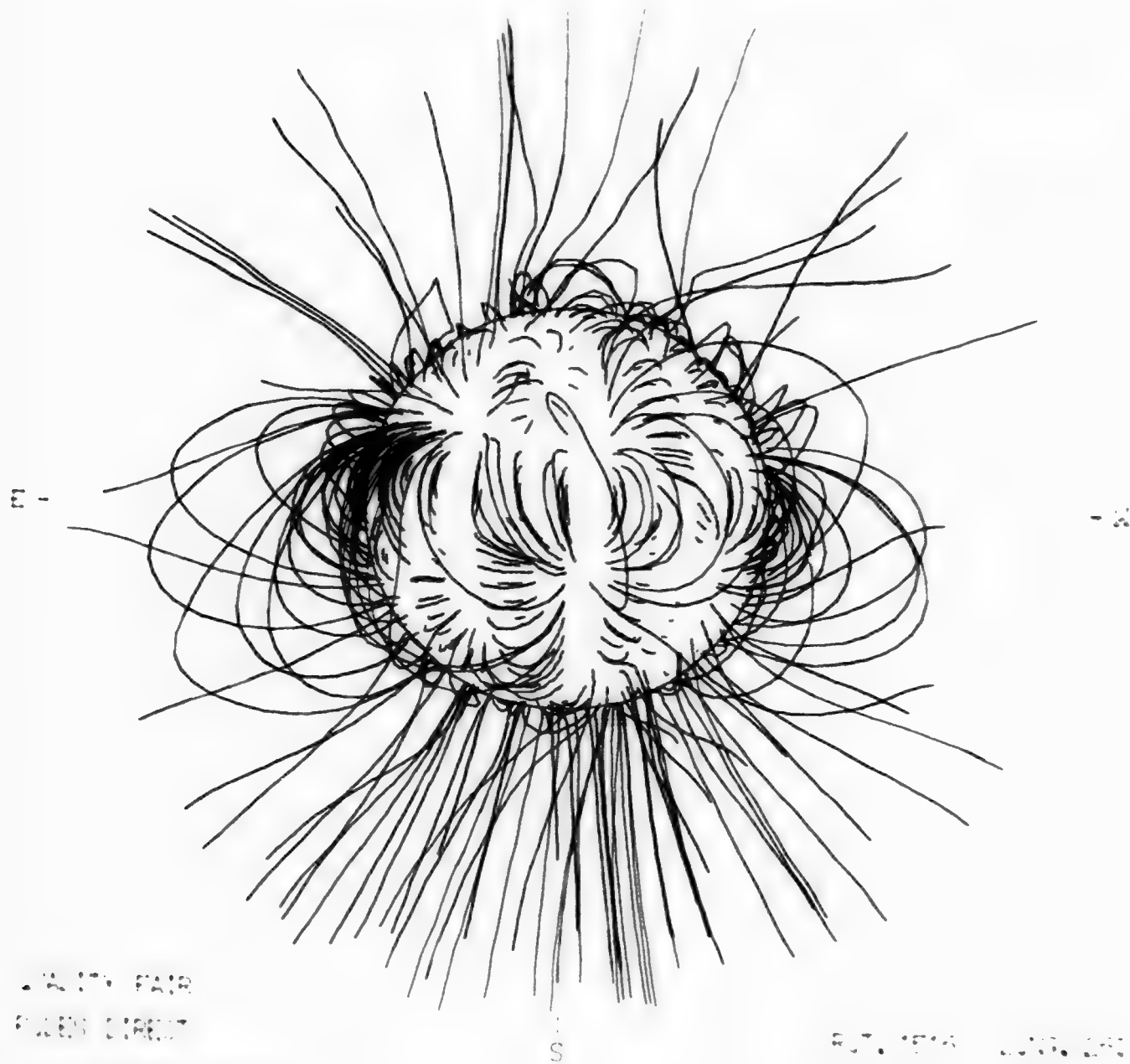
DATA WINDOW 1515.57

S
|

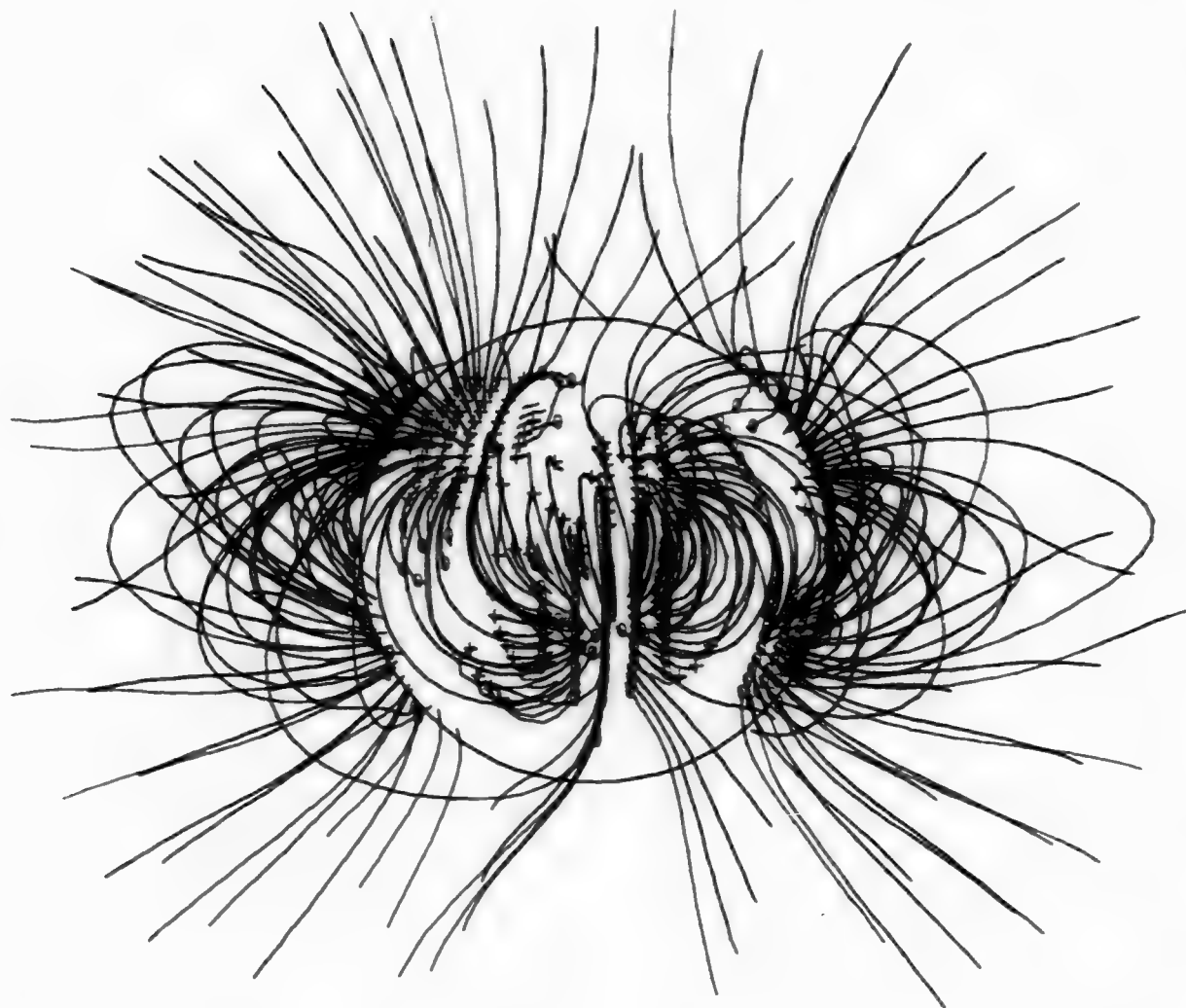
RUT. 1516 100.000

5.7 12. 1.47

MINIATURE USER'S MANUAL - HLE AIRCRAFTS

[illegible]

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POWER DIRECT

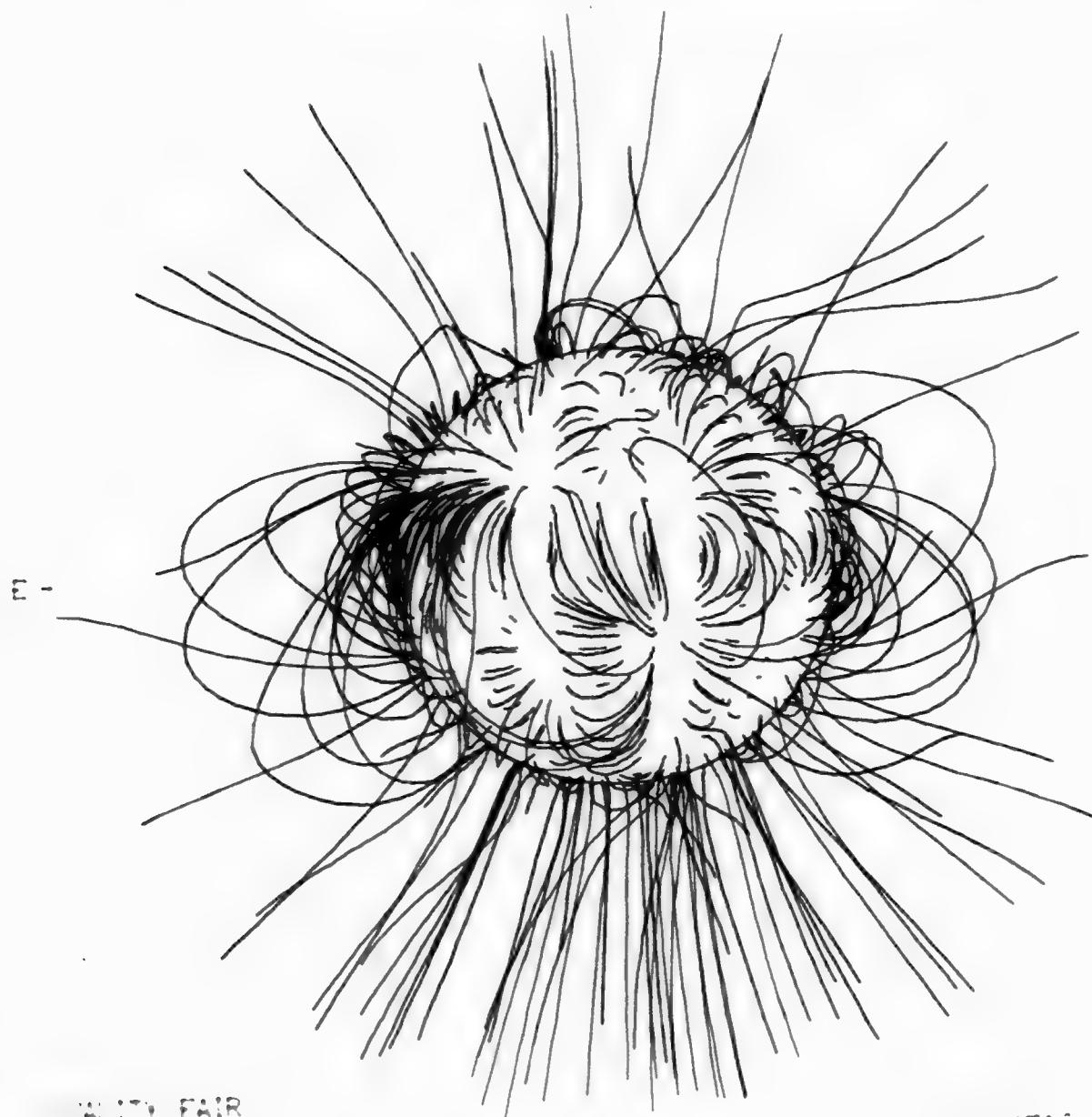
CATA WIND IN 1976.00

S

5.7 15.5 100.00

6.5 100.00

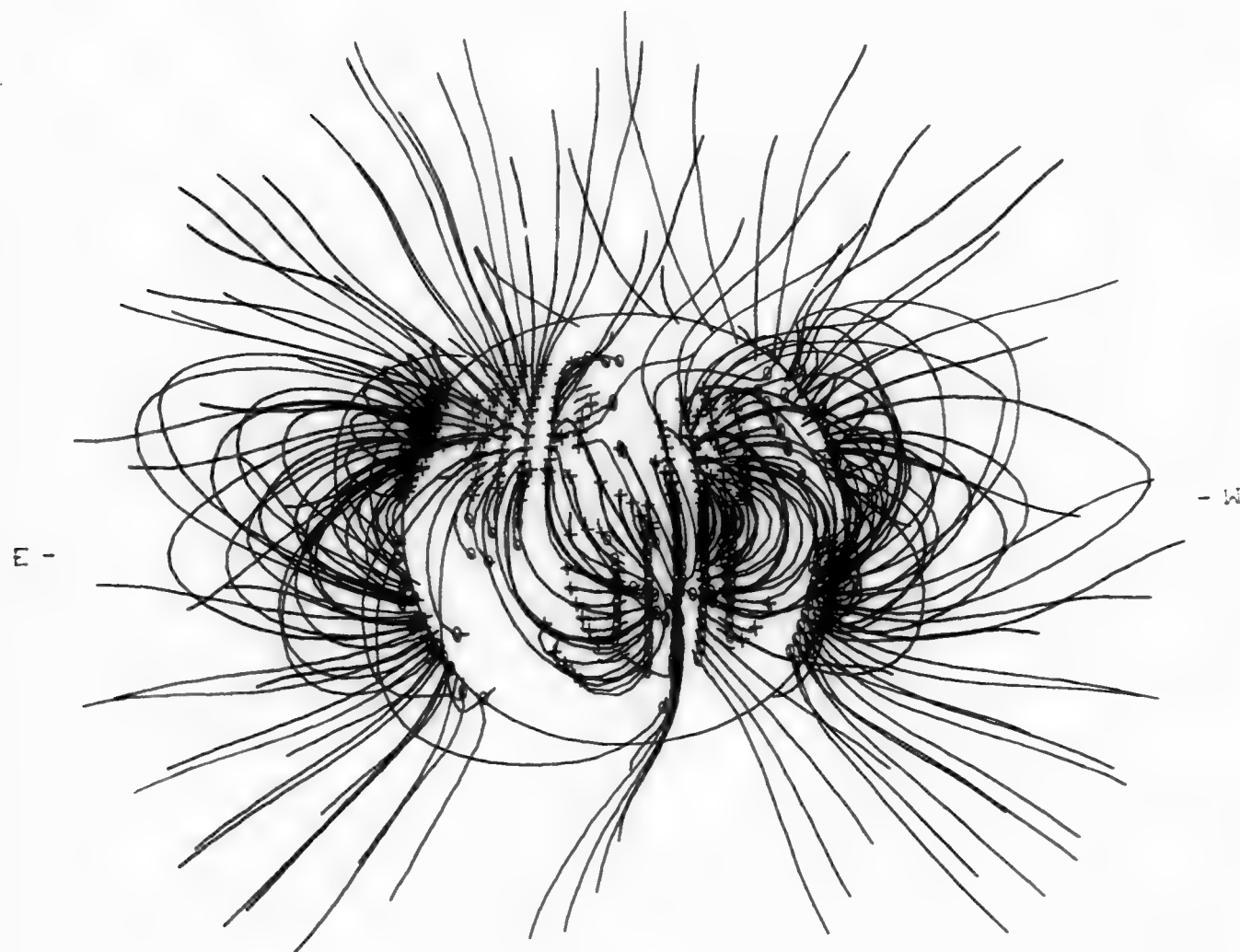
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
FILES DIRECT
DATA AREA 1516.00

2.7 15'6 1.11.250
1.3 1.11.195

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

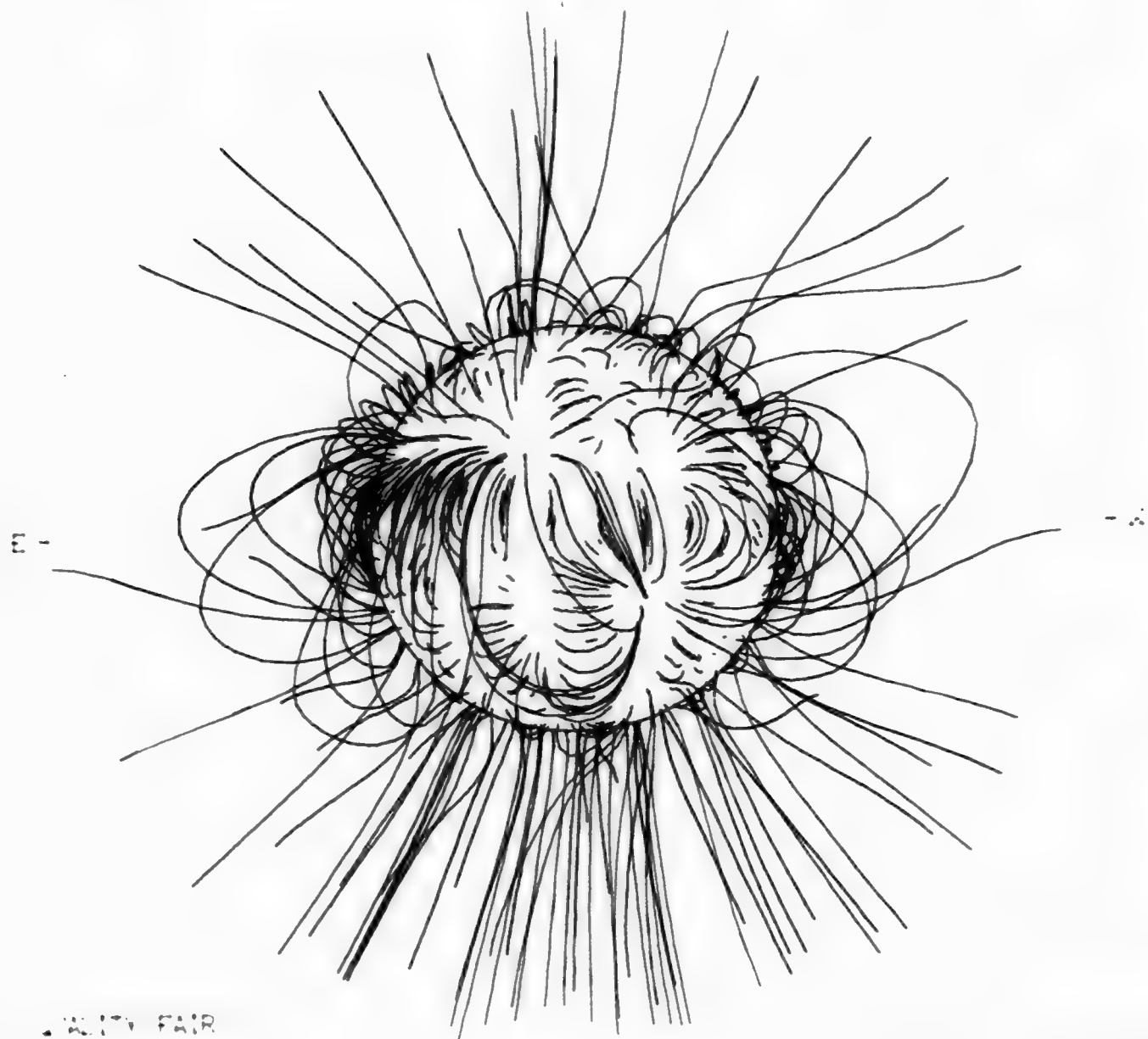
POLES DIRECT

DATA WINDOW 1516.00

S

ROT. 1516 LONG. 251°
1.3 JAN 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

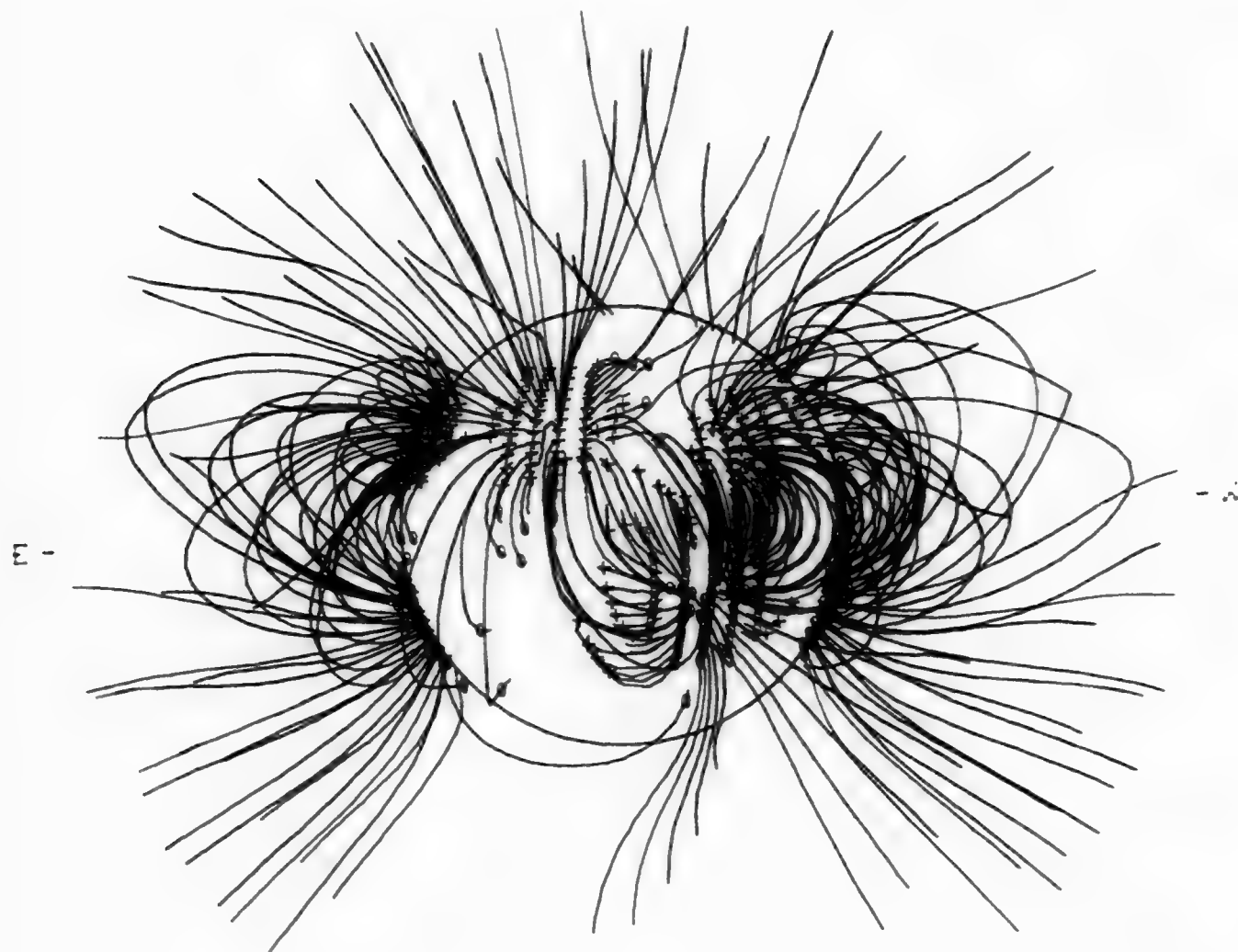
DATA AVAILABLE 1510.00

S

R.T. 1515 L.T. 241°

8.0 121 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

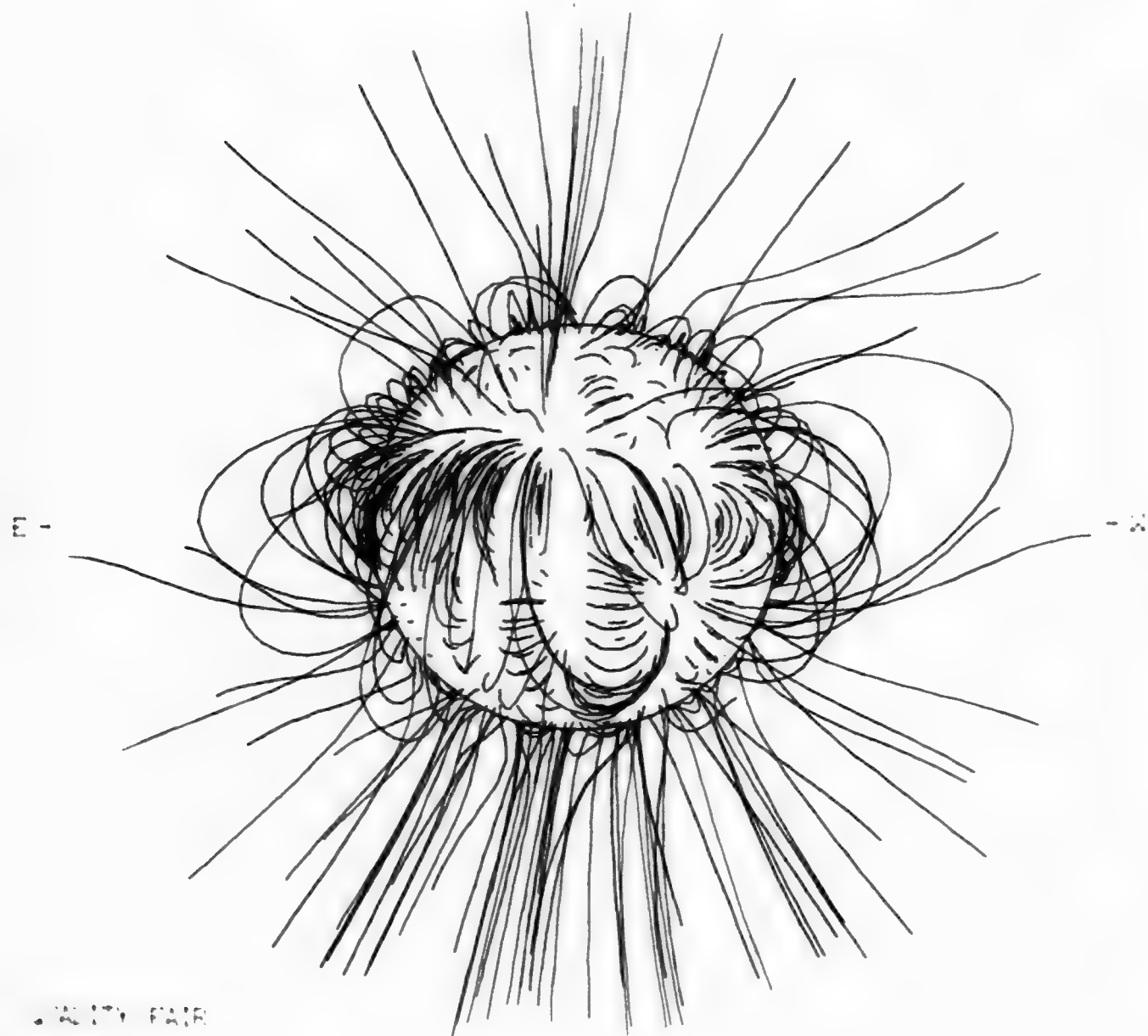


QUALITY FAIR
POLES DIRECT
DATA AND IN 1510.00

S

EST. 1515 1000.00
8.0 1000.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

PALES DIRECT

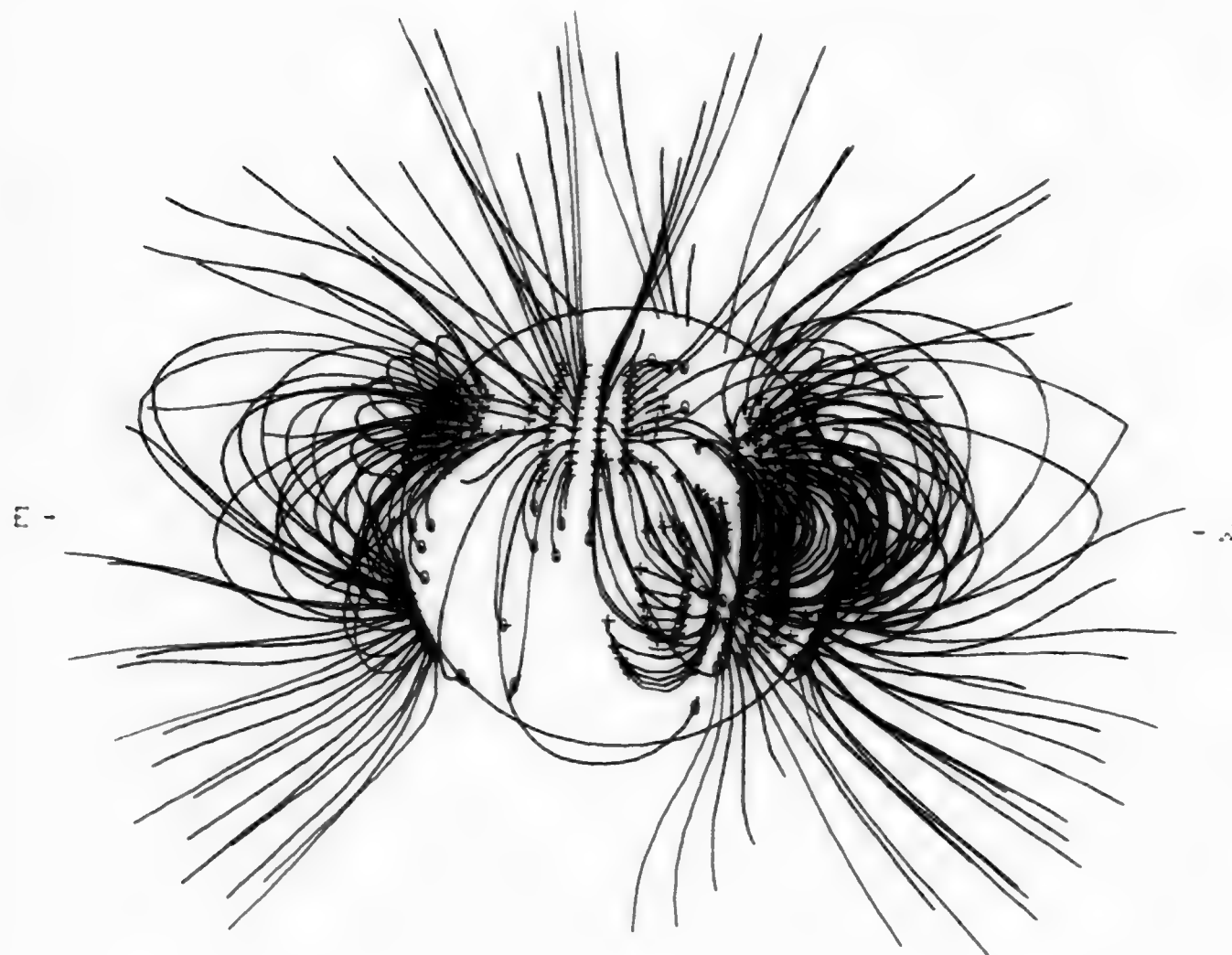
DATA NUMBER 1510.00

S

ROT. 15°A LUNG. 23°

B.B. 1211 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

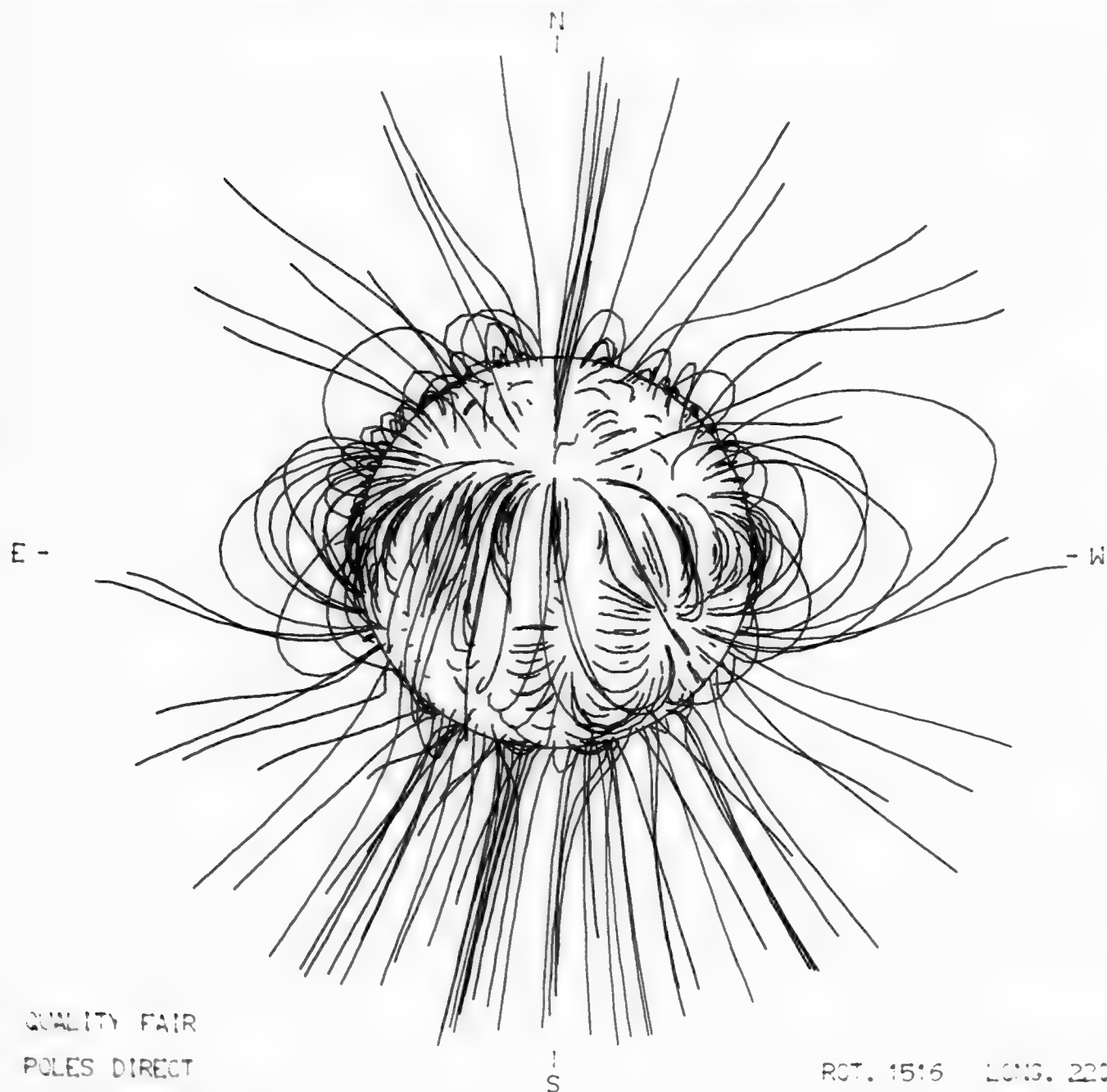
POLES DIRECT

DATA WINDOW 1516.00

PUT. 1516 1000.250°

8.8 CAN 1987

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

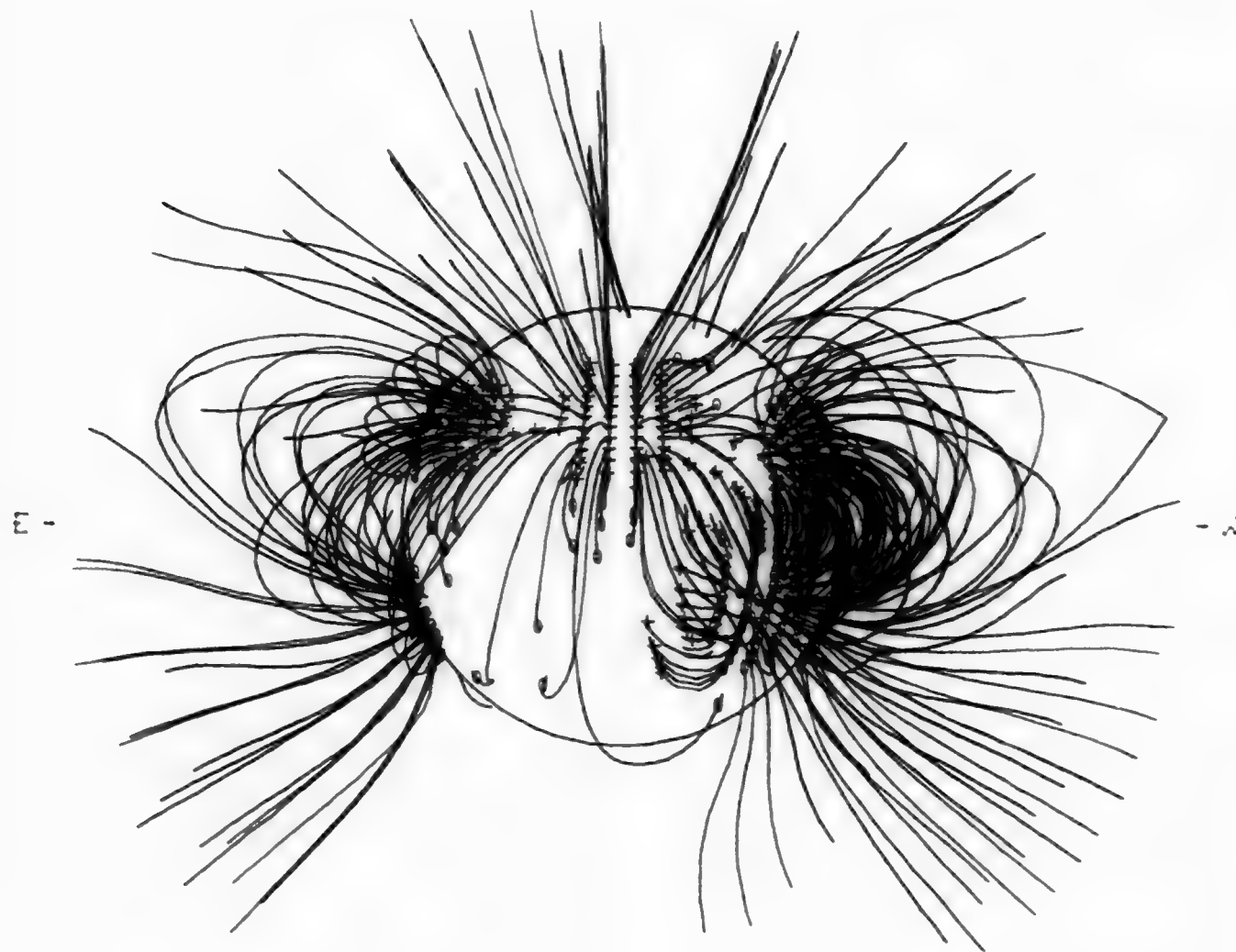
POLES DIRECT

DATA WINDOW 1516.00

ROT. 1516 LONG. 220°

9.5 JAN 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY PAIR

POLES DIRECT

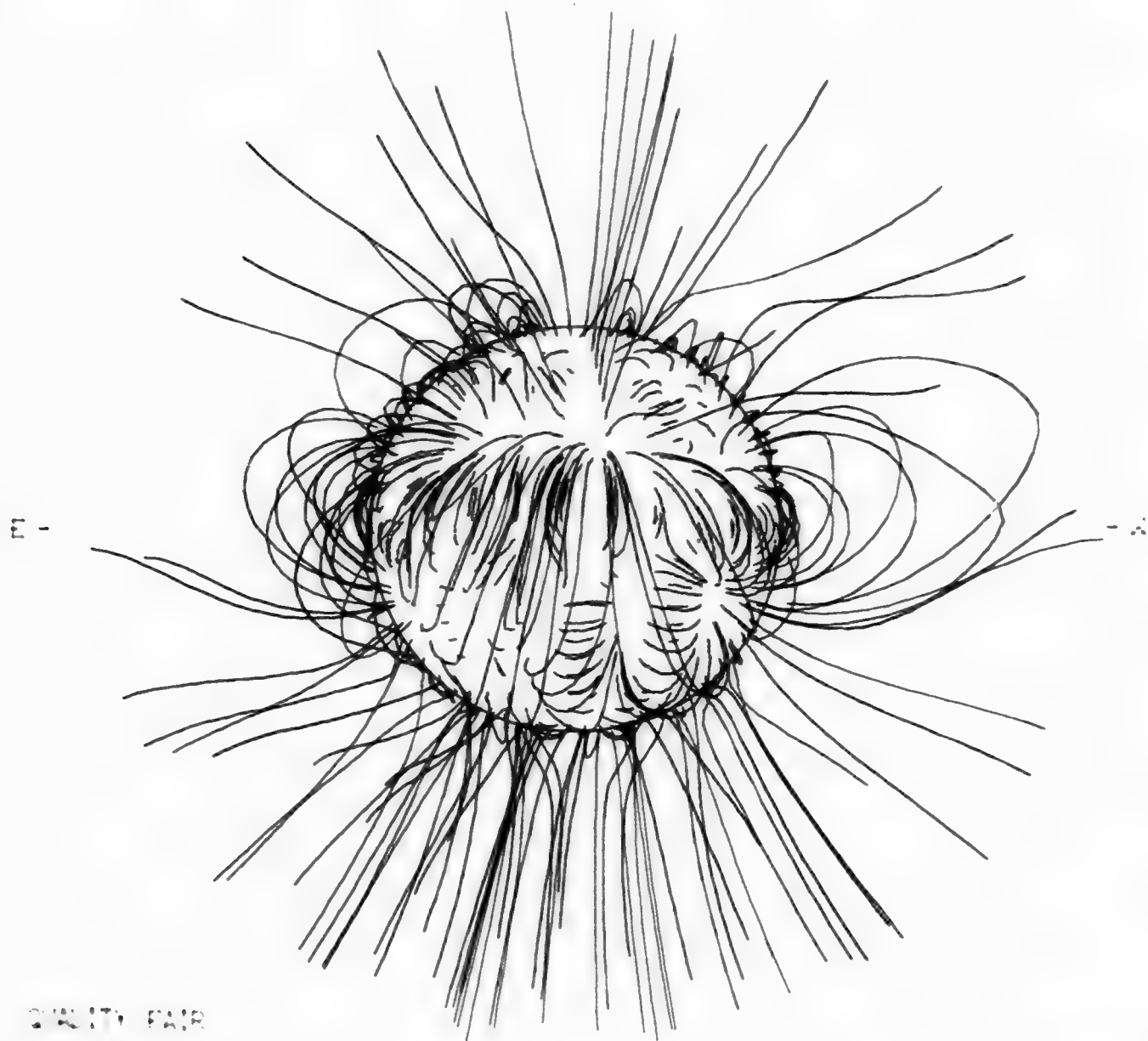
CATA WINDU 1510.00

S

P.T. 1510 1510.00

5.5 1510 1510

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

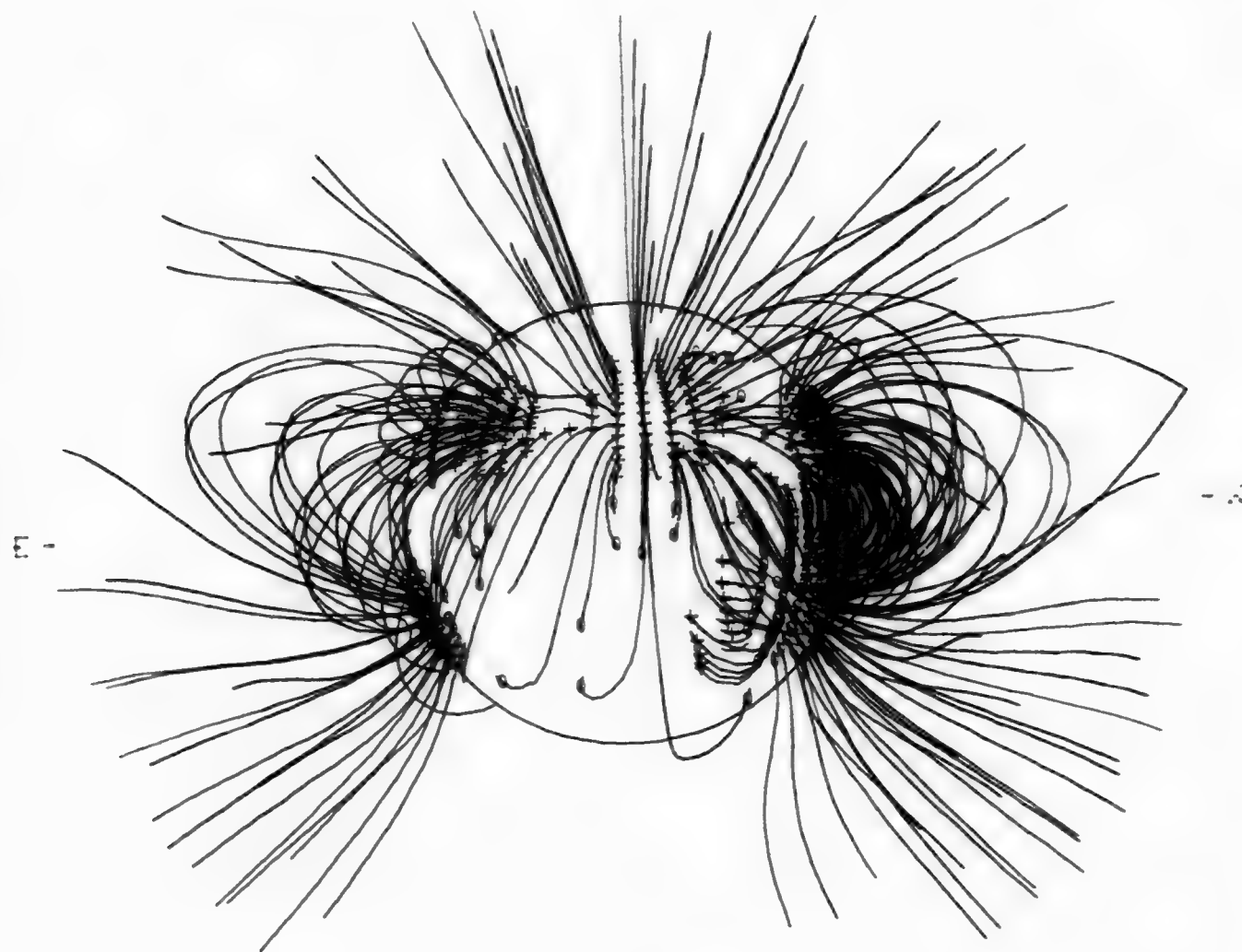
DATA WINDOW 1516.00

S

RET. 1516 1516.00

10.3 121 1987

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

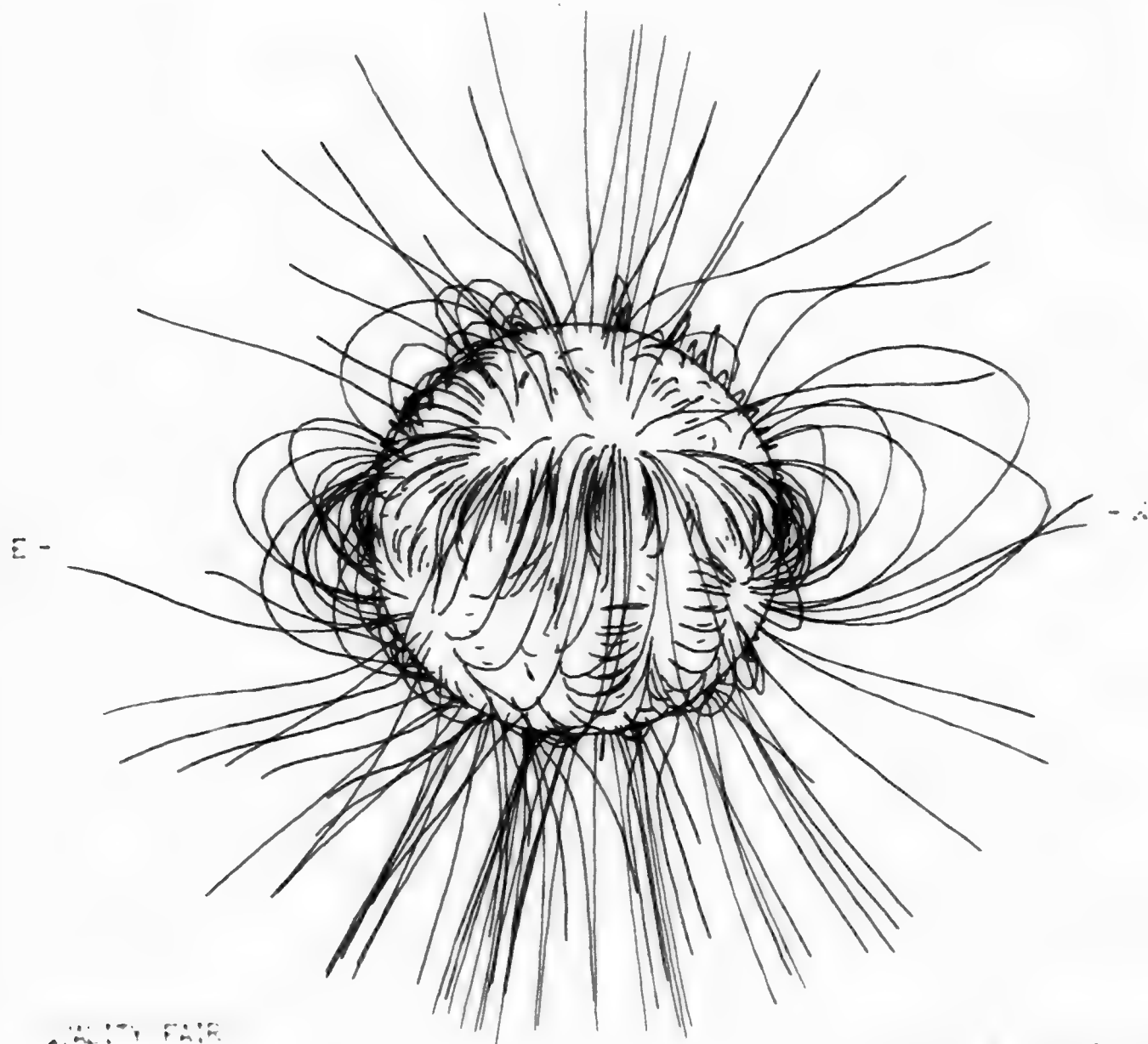
DATA NUMBER 1516.00

S

R.T. 1516 10.3.21°

10.3 10.1 10.5

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

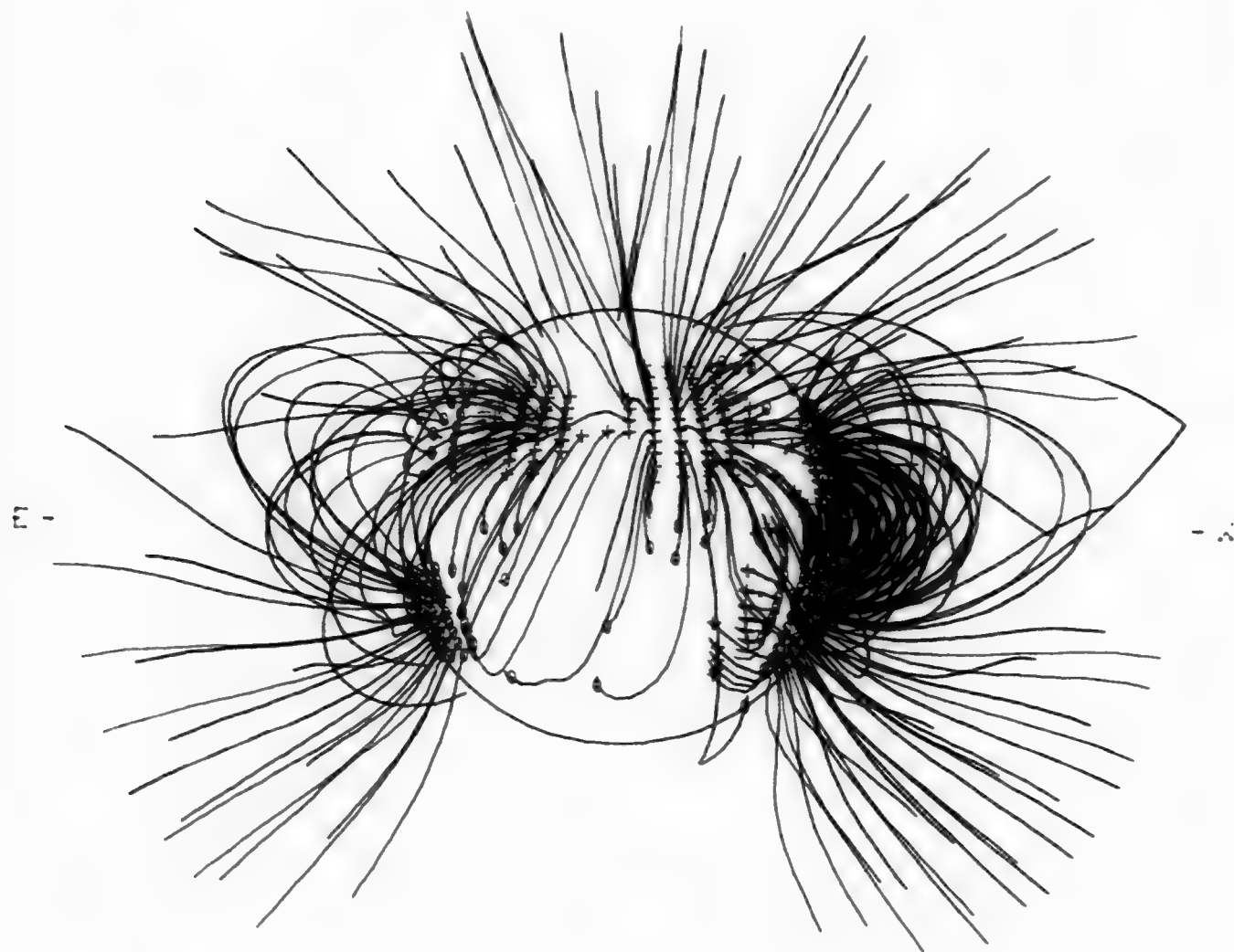
DATA WINDOW 1516.00

S

R.T. 1516 1516.000

1516 1516

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

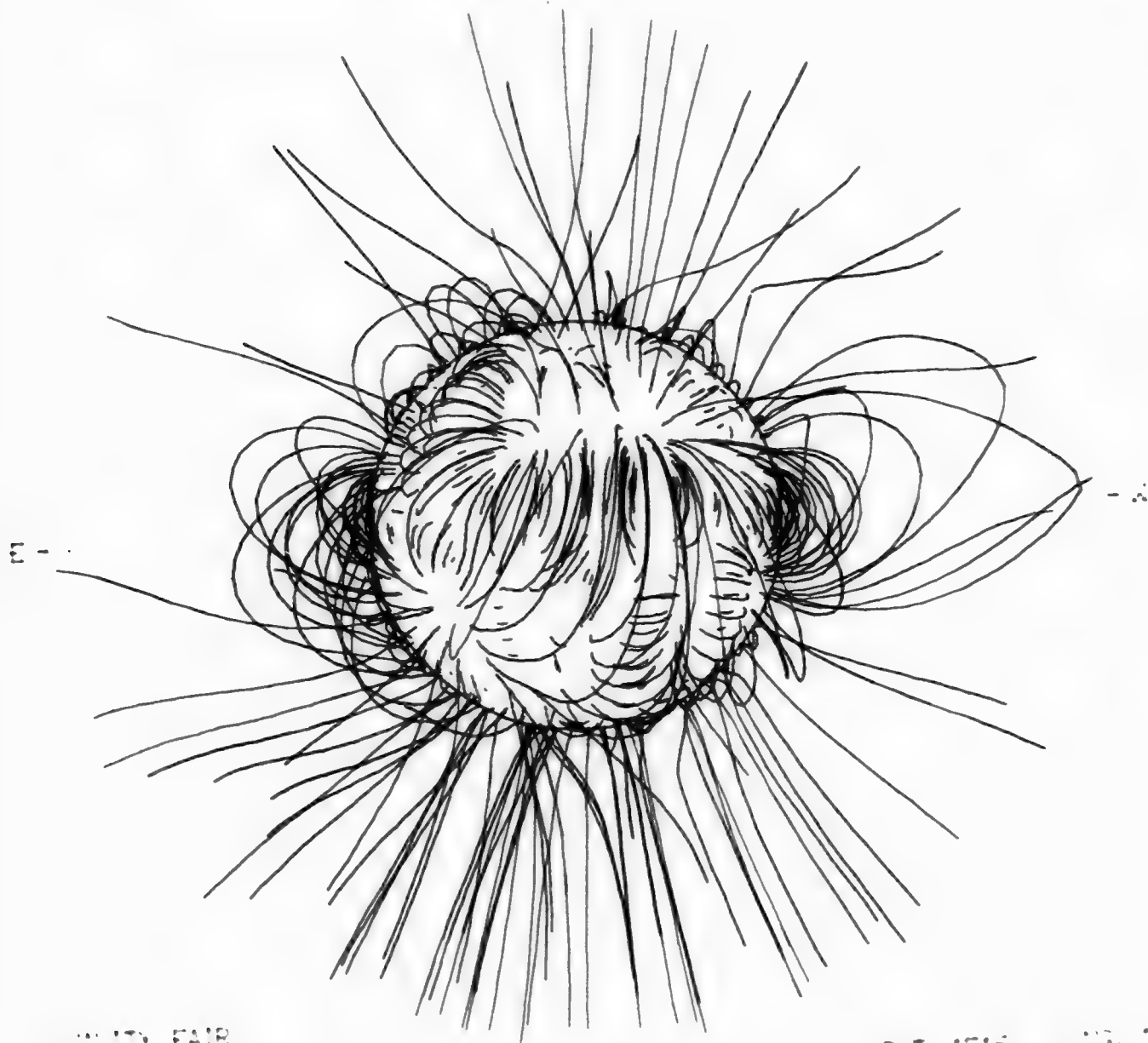
DATA WINDOW 1516.00

S

507.1516 1010.000

1010.000 1010.000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

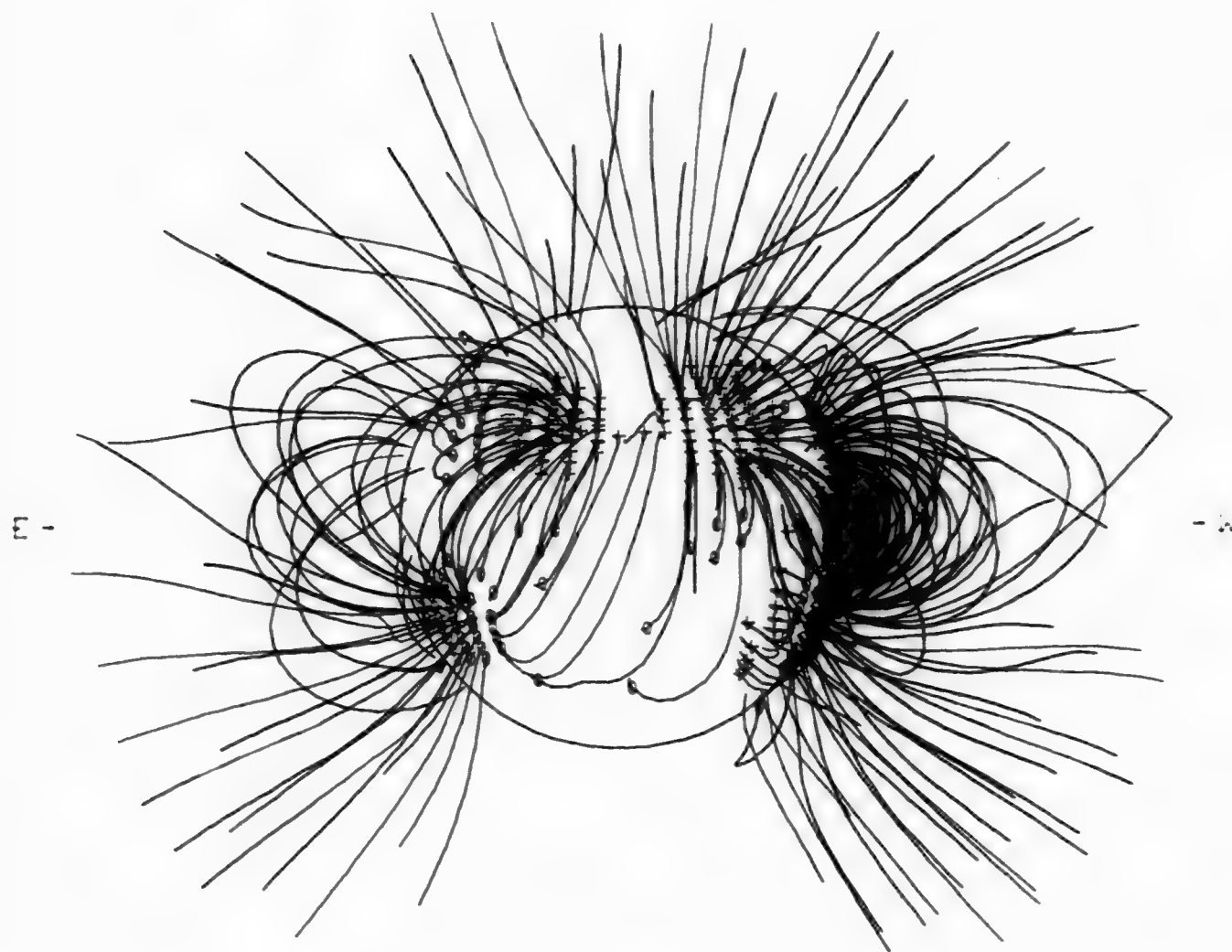


QUALITY FAIR
FILES DIRECT
DATA WINDOW 1516.00

S

2.7. 15.5 2.10. 15.5
11.8 12.1 12.7

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

PULSES DIRECT

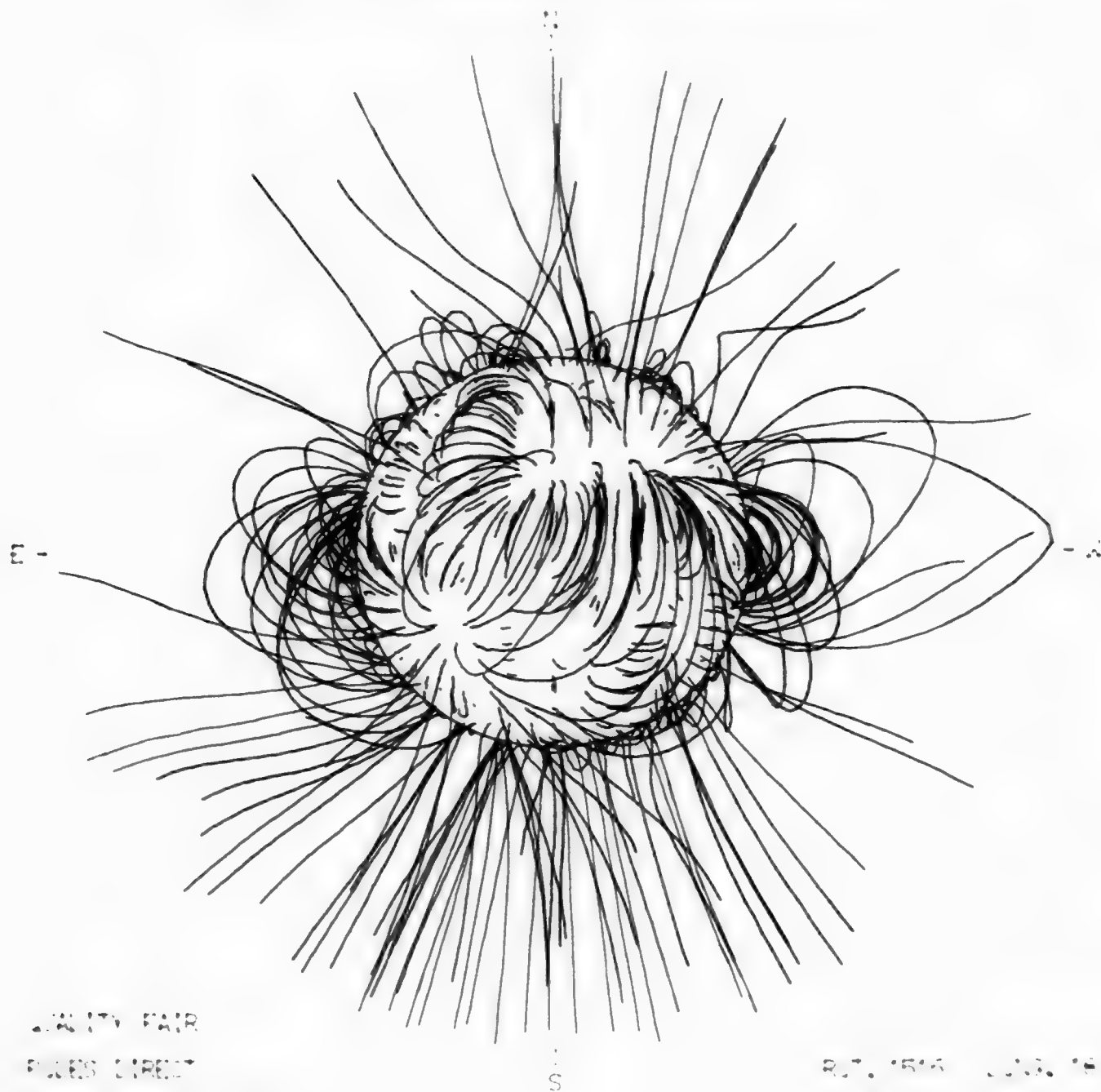
DATA WINDOW 1516.00

S

RT. 1516 1000. 1.4°

11.6 1000 1.4°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

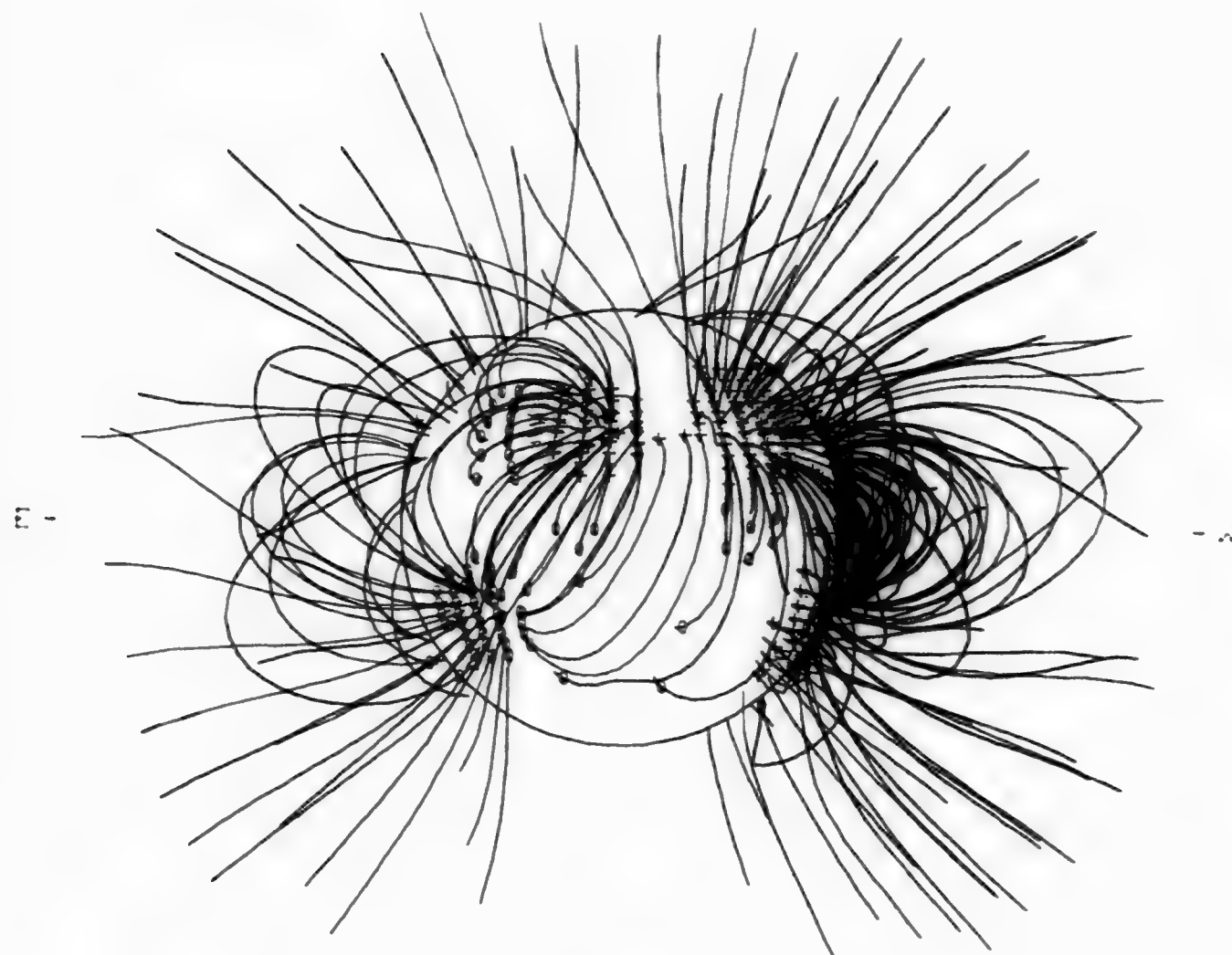
FILES DIRECT

DATA AUG 19 1966

REF. 1516 JUL 1966

12.5 JAN 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

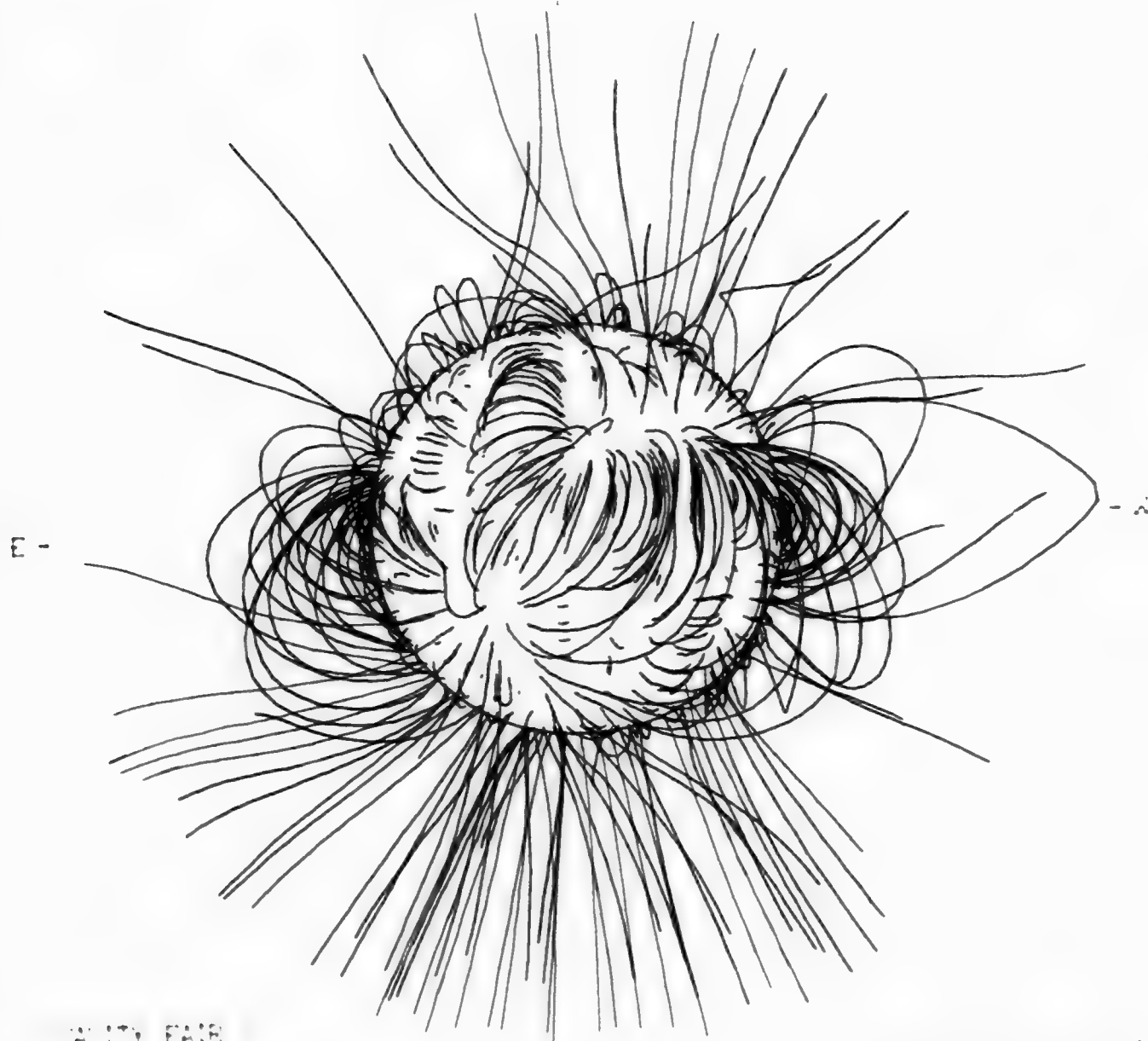
POLES DIRECT

DATA WIND IN 1516.00

RC7. 1516 JUN. 1917

12.6 1.21 1.67

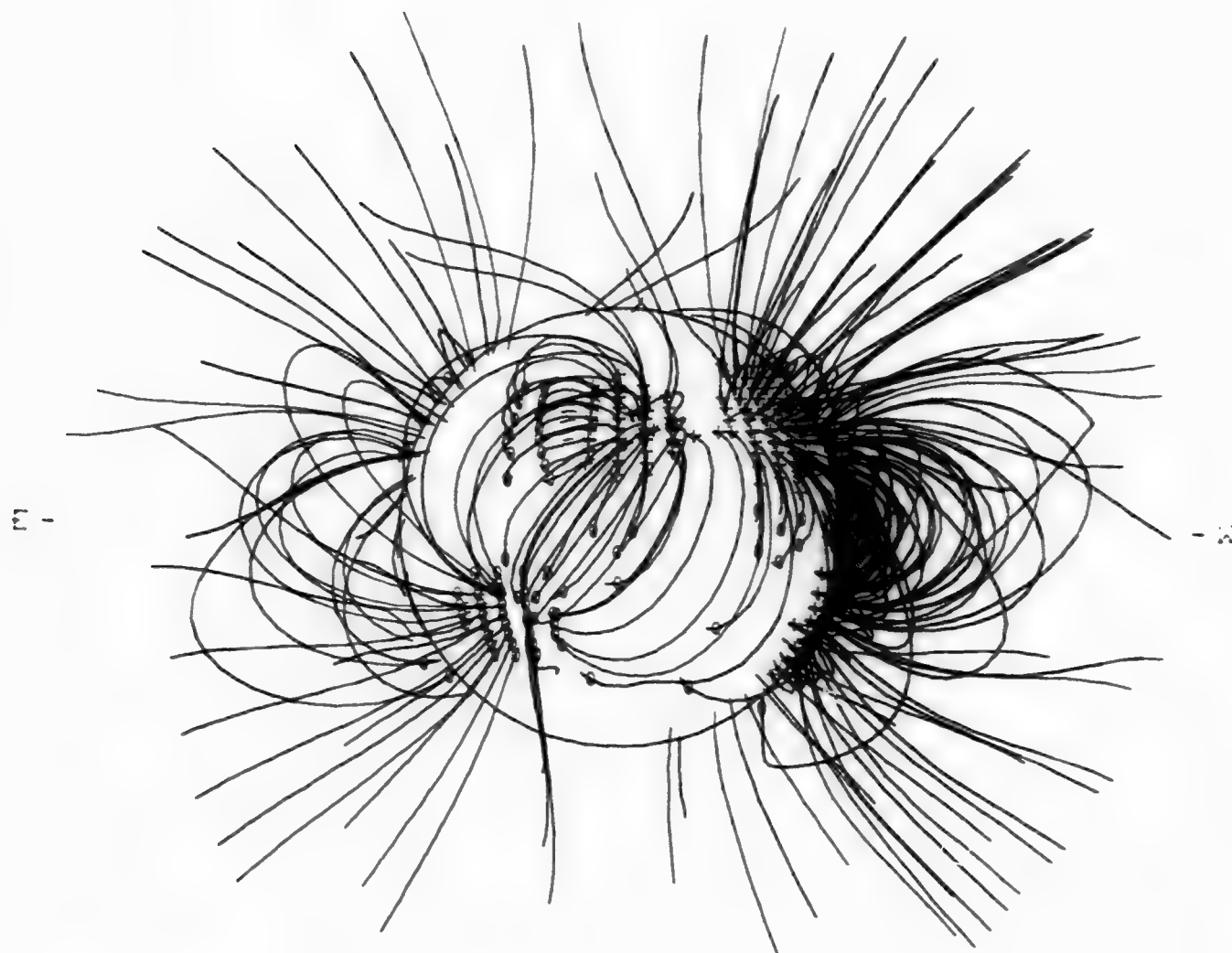
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 PRICE DIRECT
 DATA AND DATA 1516.00

EST. 1914
 13.5 1914 1917

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

PULSES DIRECT

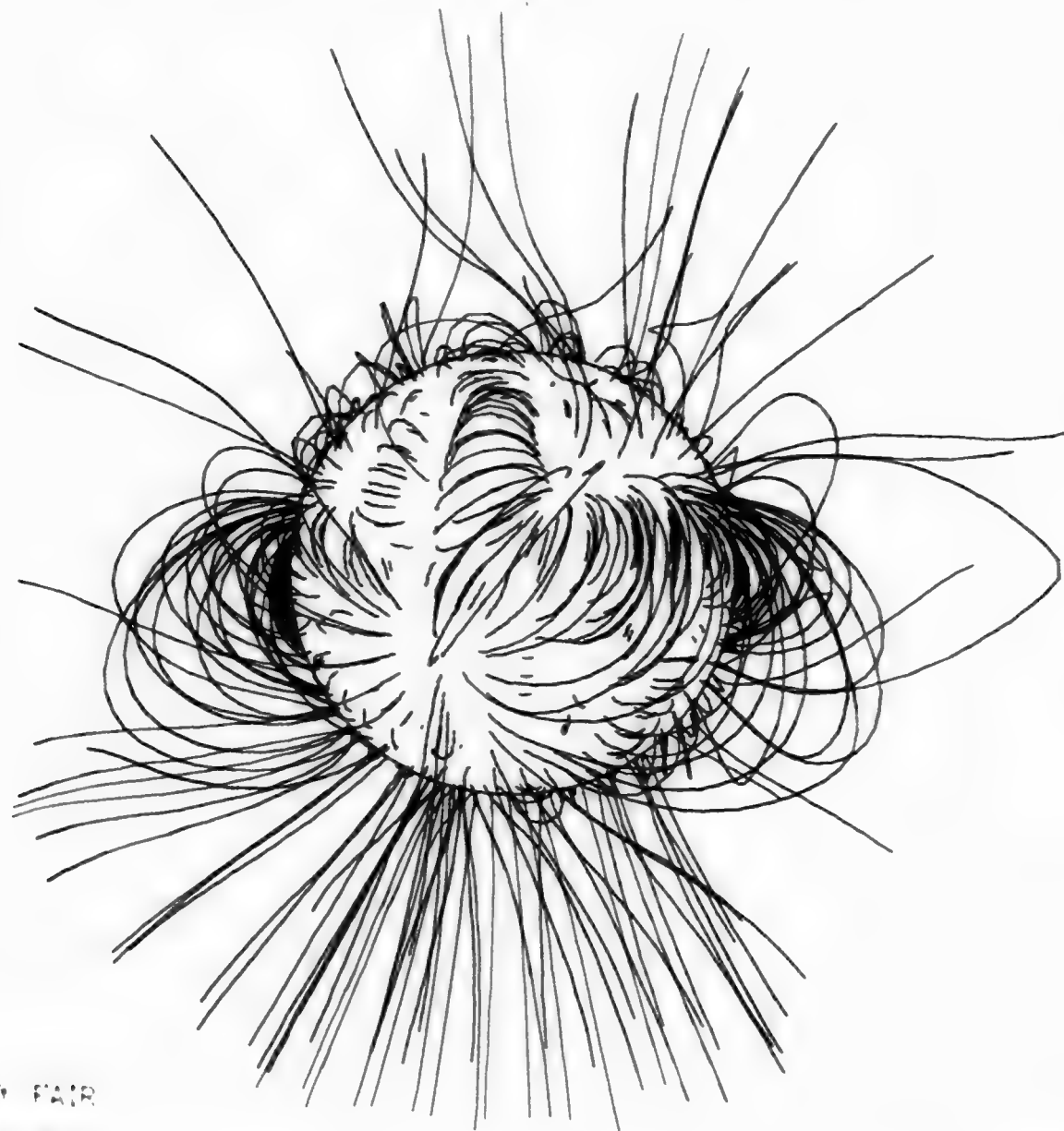
DATA WINDS 1510.00

3.7. 15.5 10.0. 17.0

13.5 10.0 17.0

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

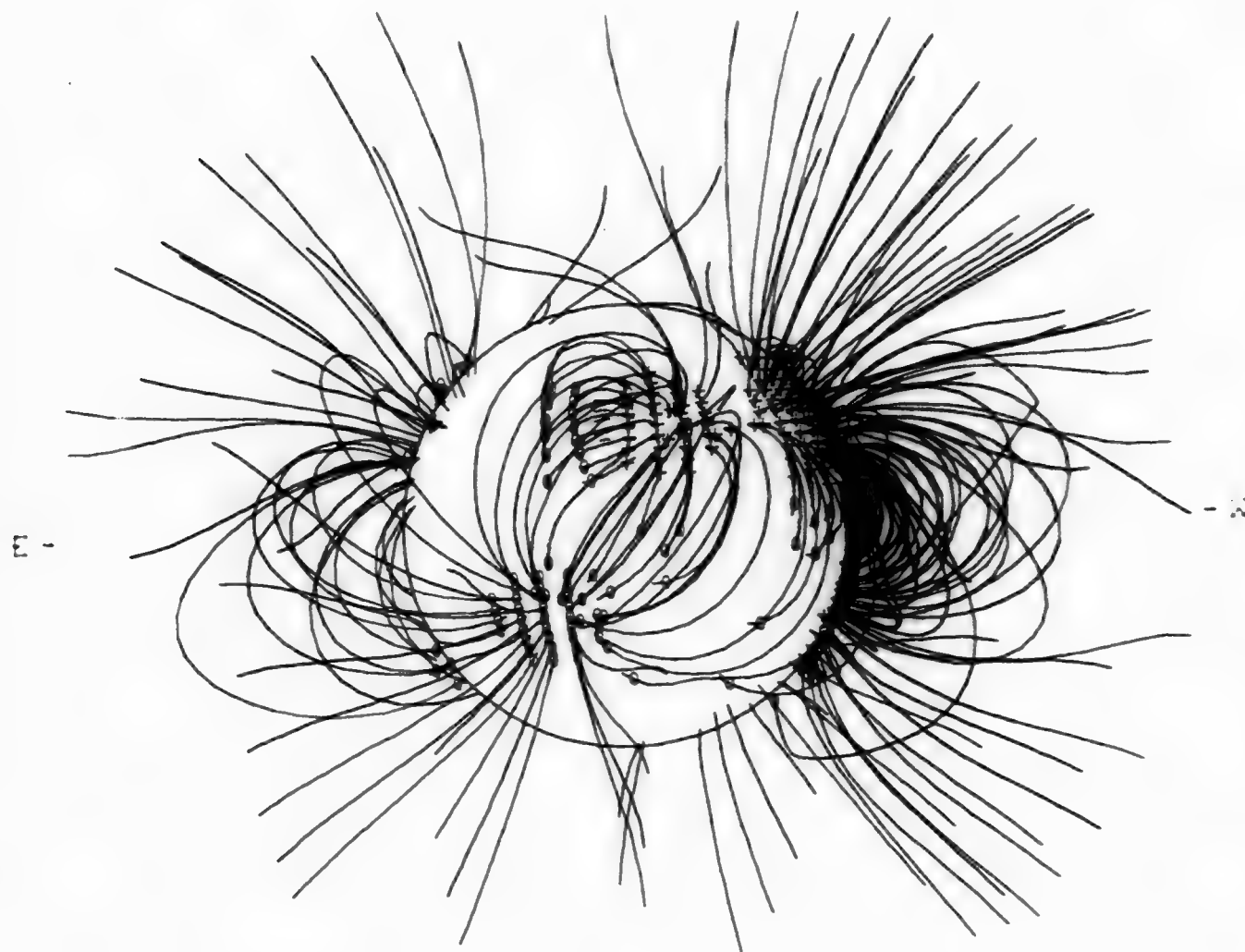


QUALITY FAIR
 RULES DIRECT
 DATA ANGLE 1510.00

S

R.T. 1516 1010.100°
 14.1 1010.100°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

DATA WINDOW 1516.00

S

R.T. 1516 1000.00

10.1 1000.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

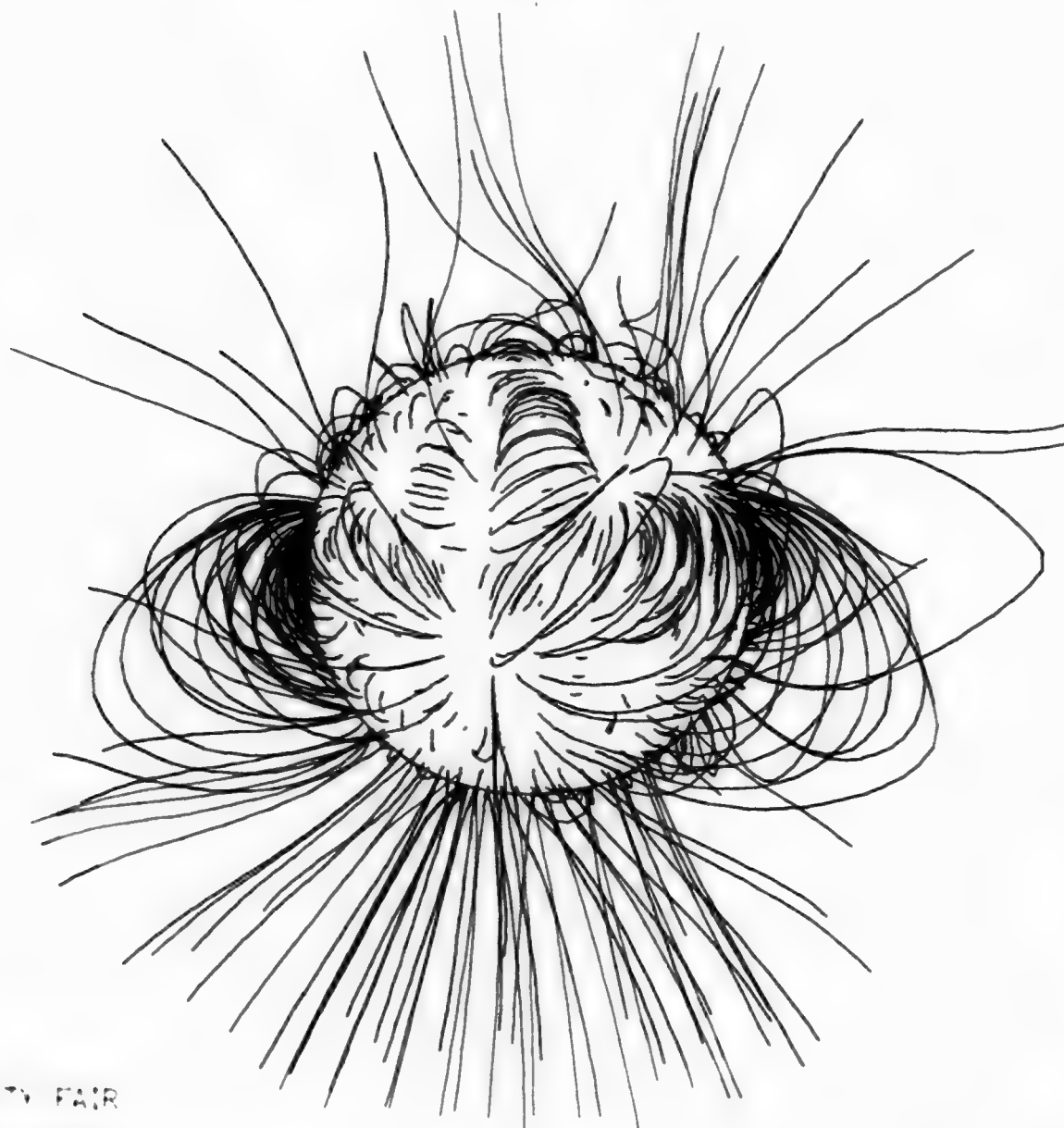
E -

- W

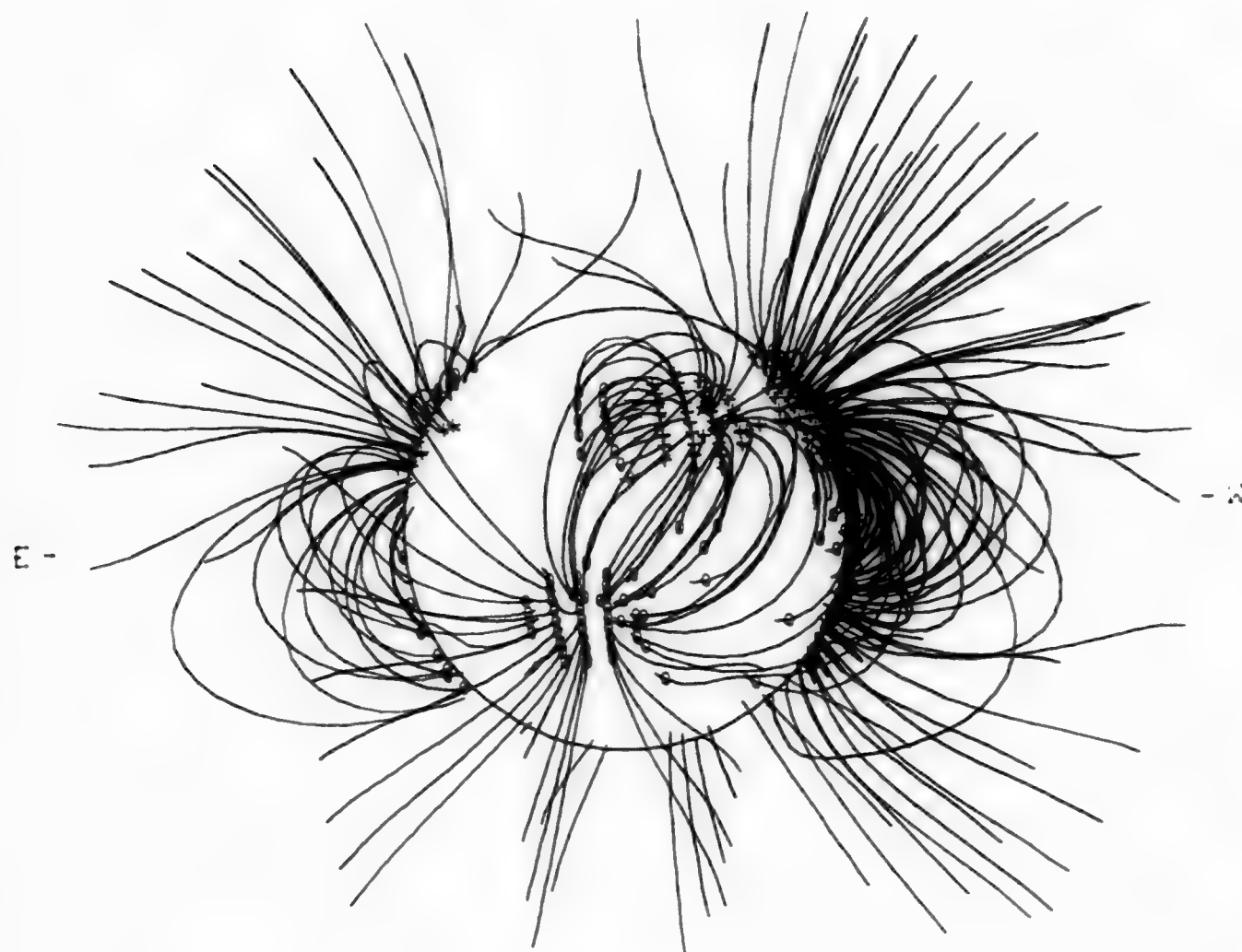
QUALITY FAIR
POLES DIRECT
DATA WINDOW 1516.00

S

R.T. '5'6 L.O. '50°
14.8 JAN 1967



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

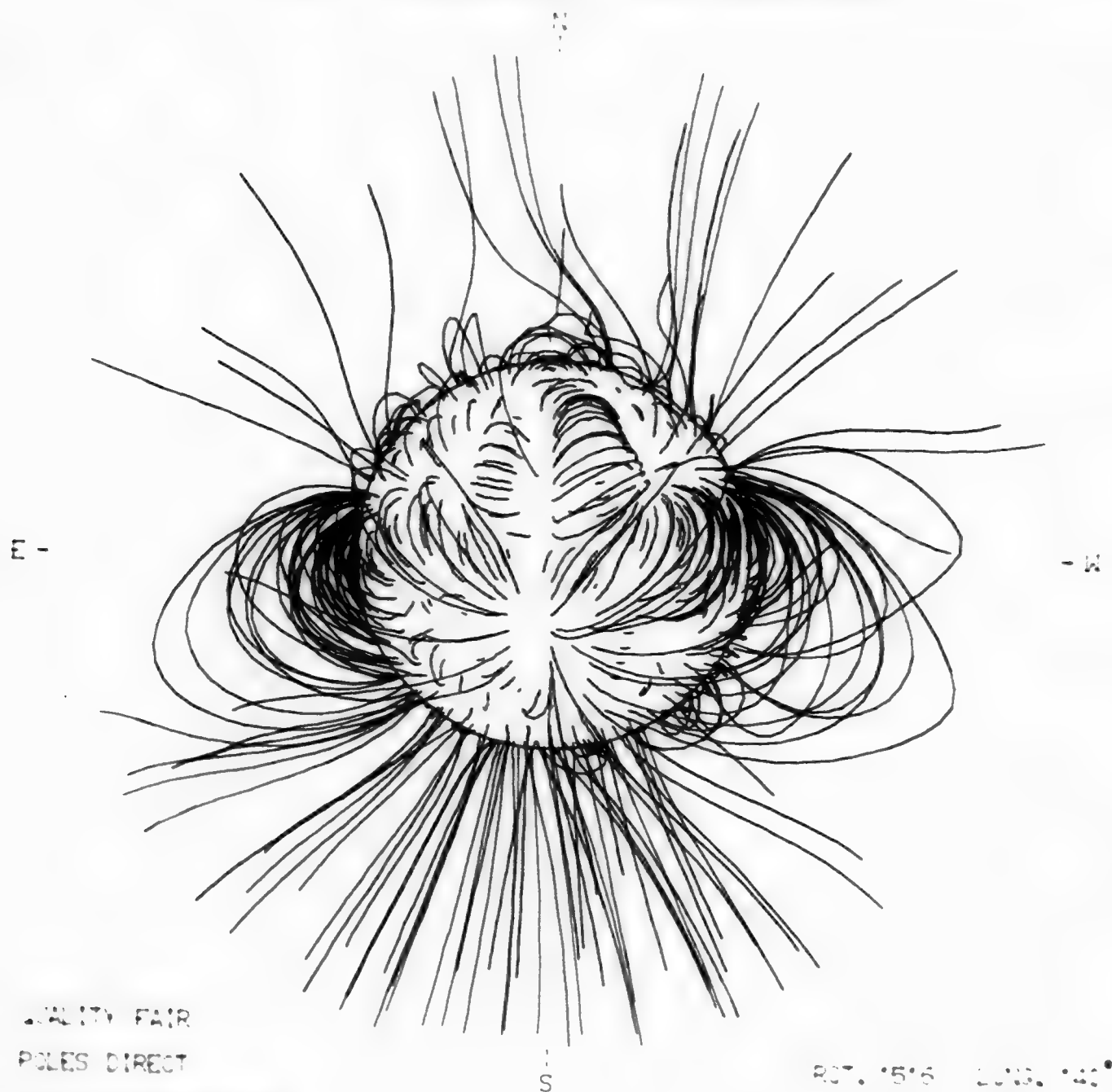
POLES DIRECT

CATA WINDOW 1516.00

S

ROT. 1516 1110. 1516
14.8 181 1507

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

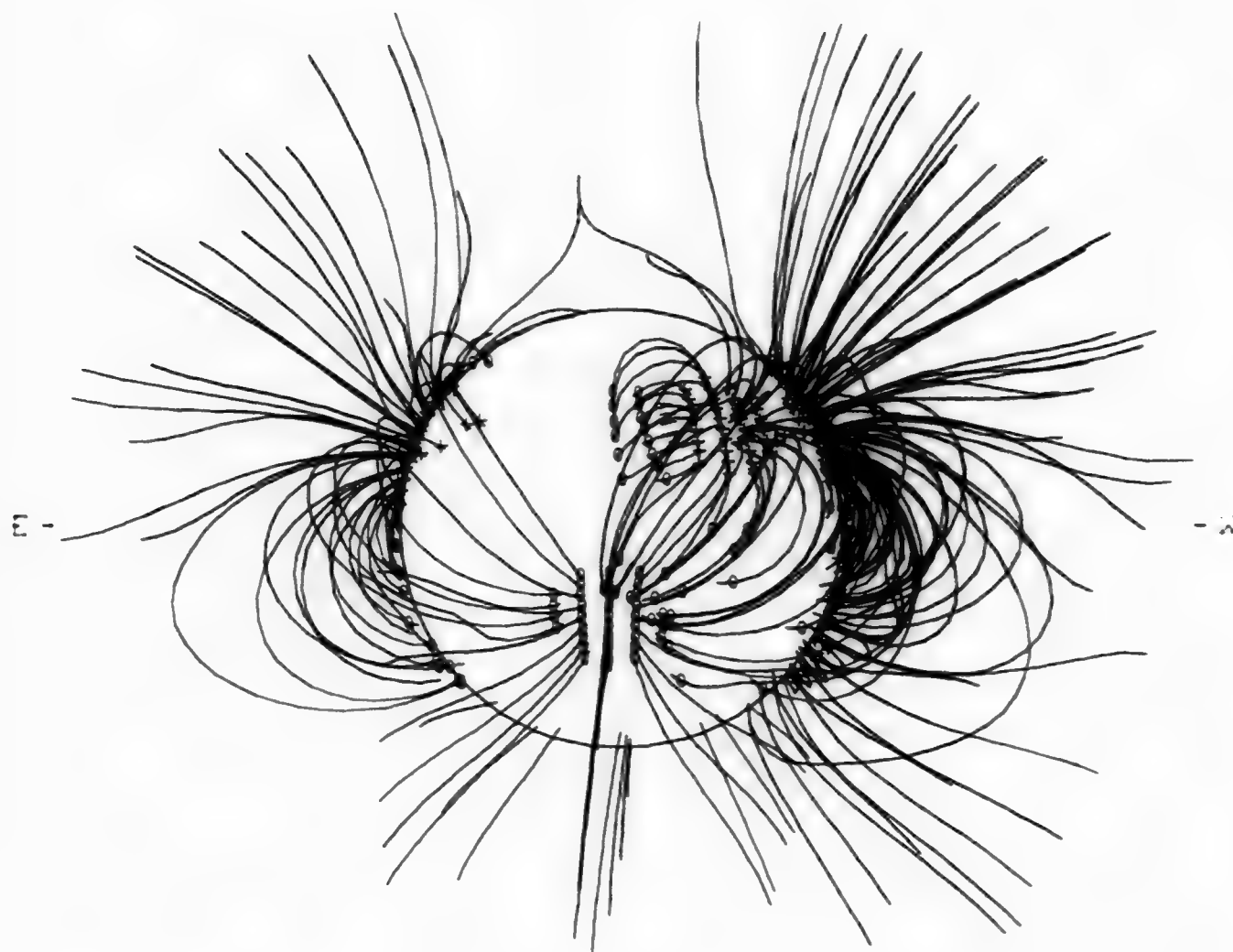
POLES DIRECT

DATA WINDOW 1516.00

ROT. 15.6 LONG. 140°

15.6 JAN 1987

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

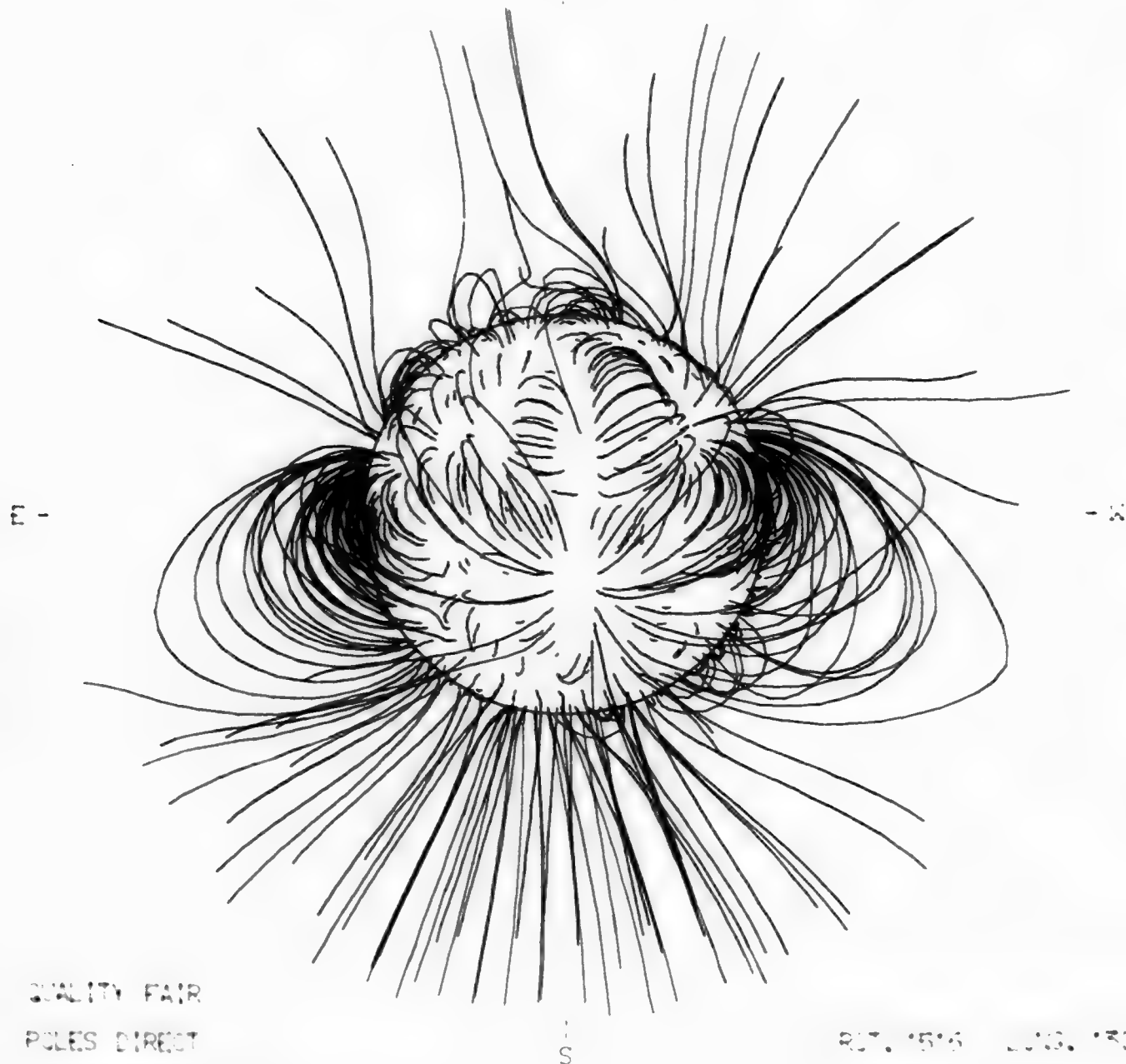
DATA WINDOW 1516.00

1
S

ROT. 15.5 LONG. 141°

15.5 (21) 1.457

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

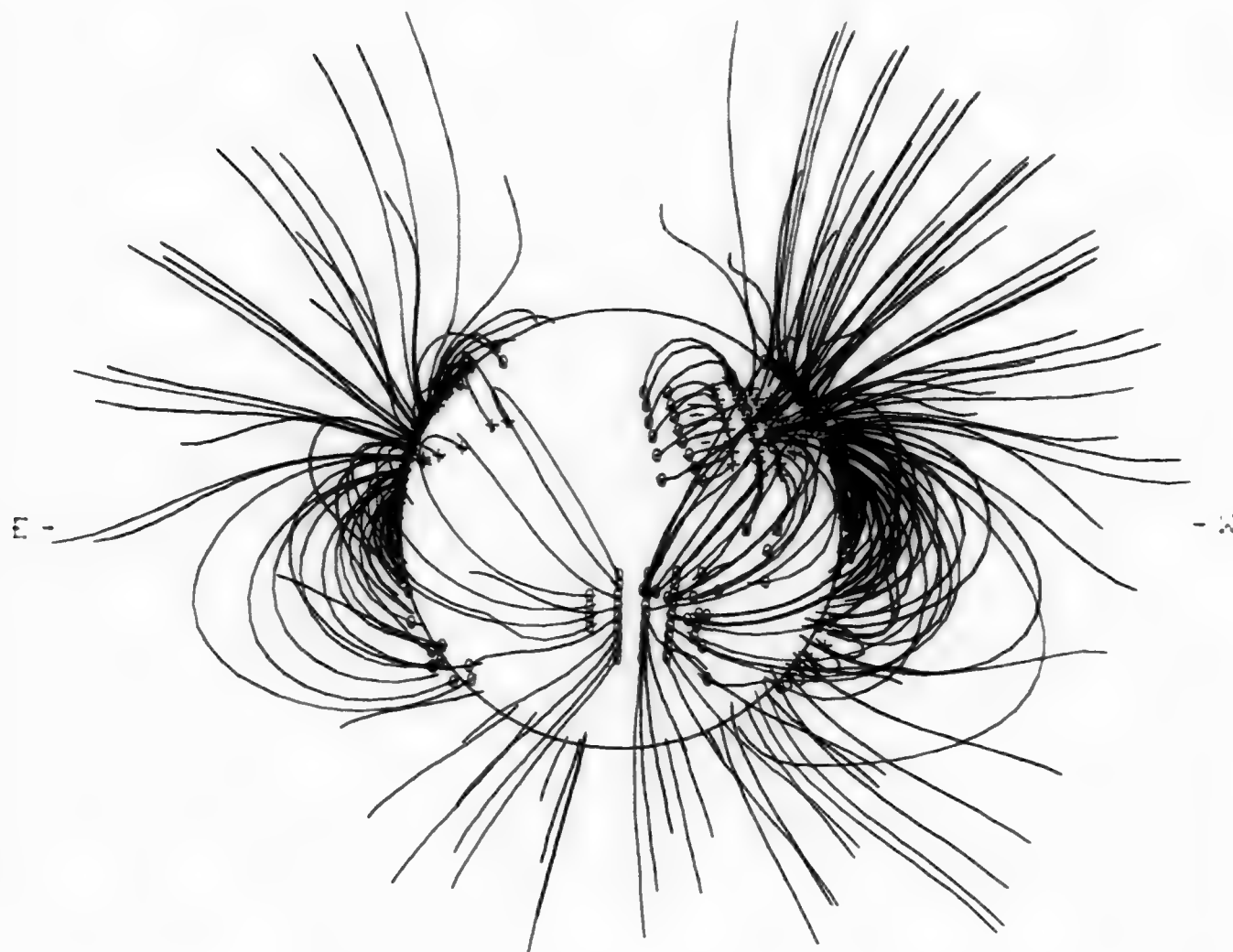
POLES DIRECT

DATA WINDOW 1516.00

RET. 1516 1516.15

15.4 1516 1516

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1516.00

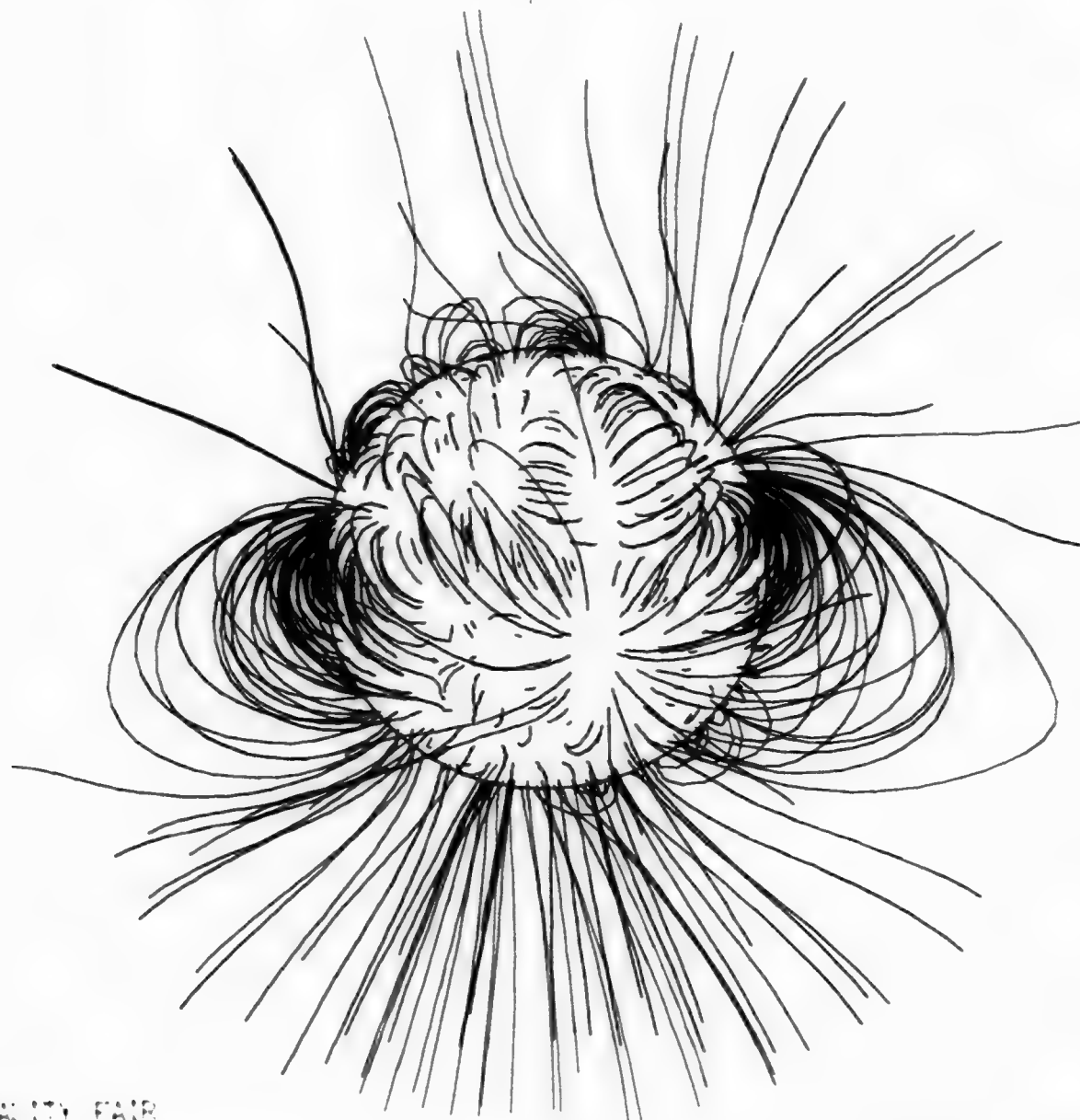
1
S

ROT. 1516 LONG. 130°

15.4 (21) 1257

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

FILES DIRECT

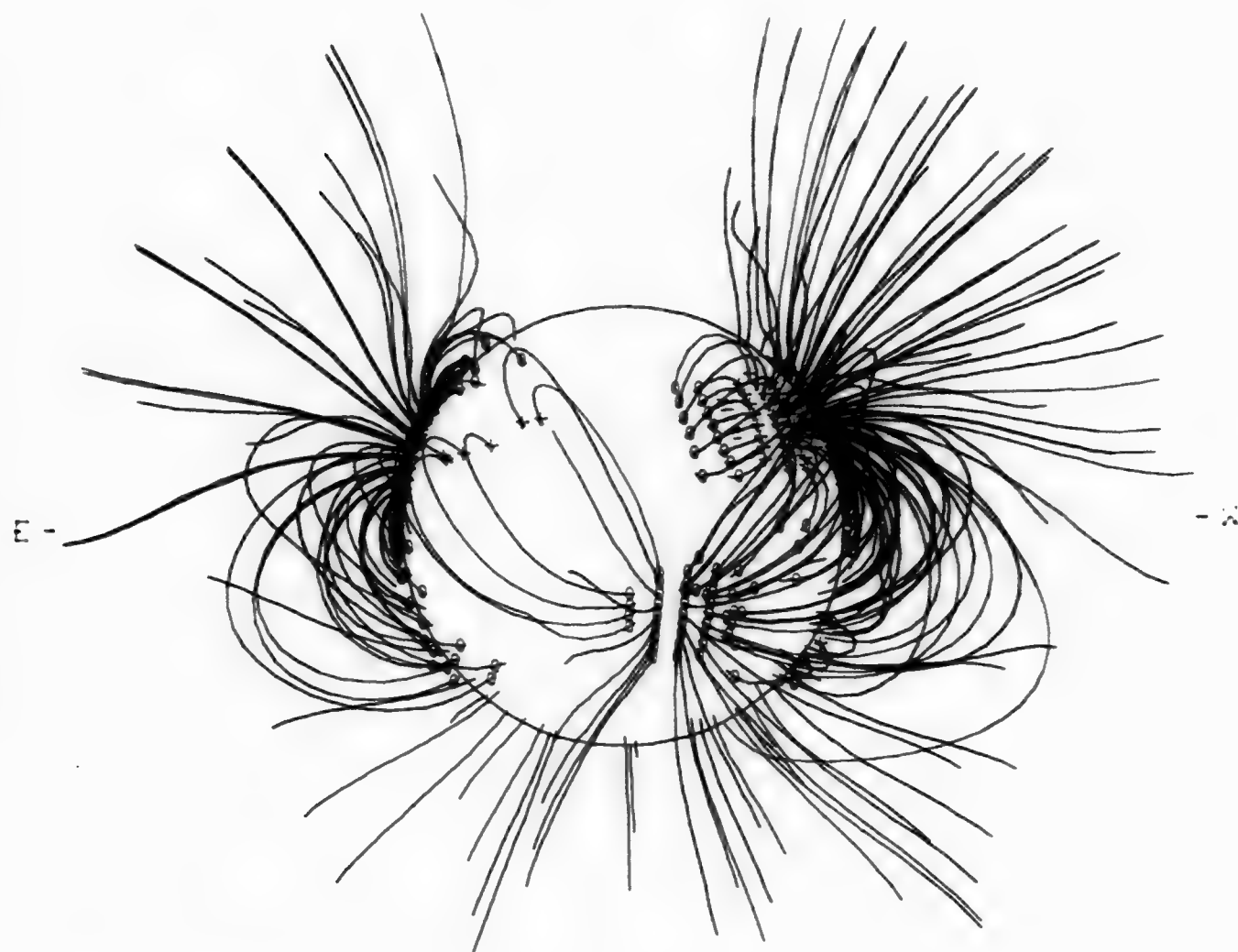
DATA WINDOW 1516.00

S

ROT. 1516 1516.00°

17. 1516 1516

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

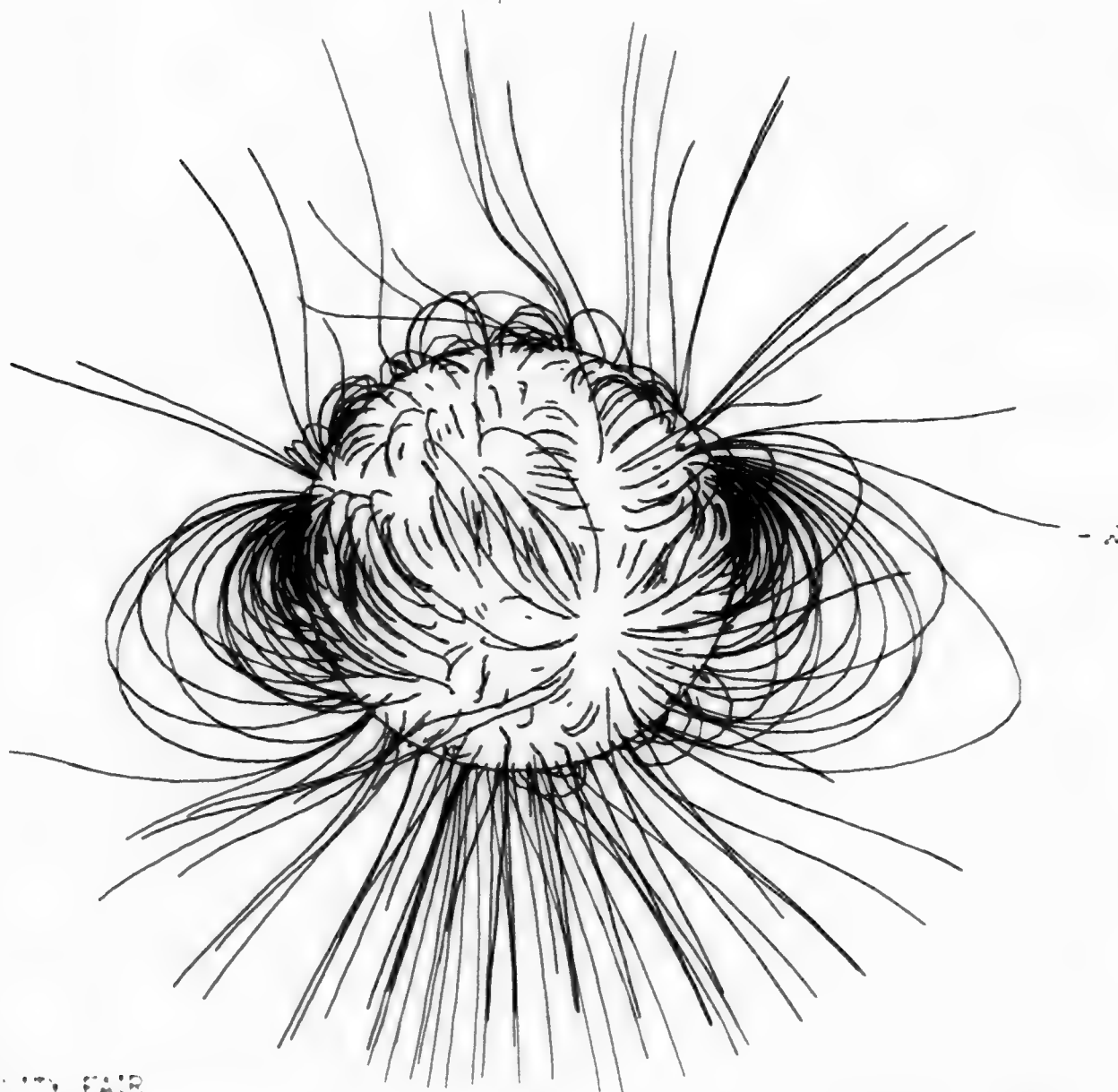
DATA WIND ON 1516.00

S

R.T. 1516 100.100°

17.1 100.100°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

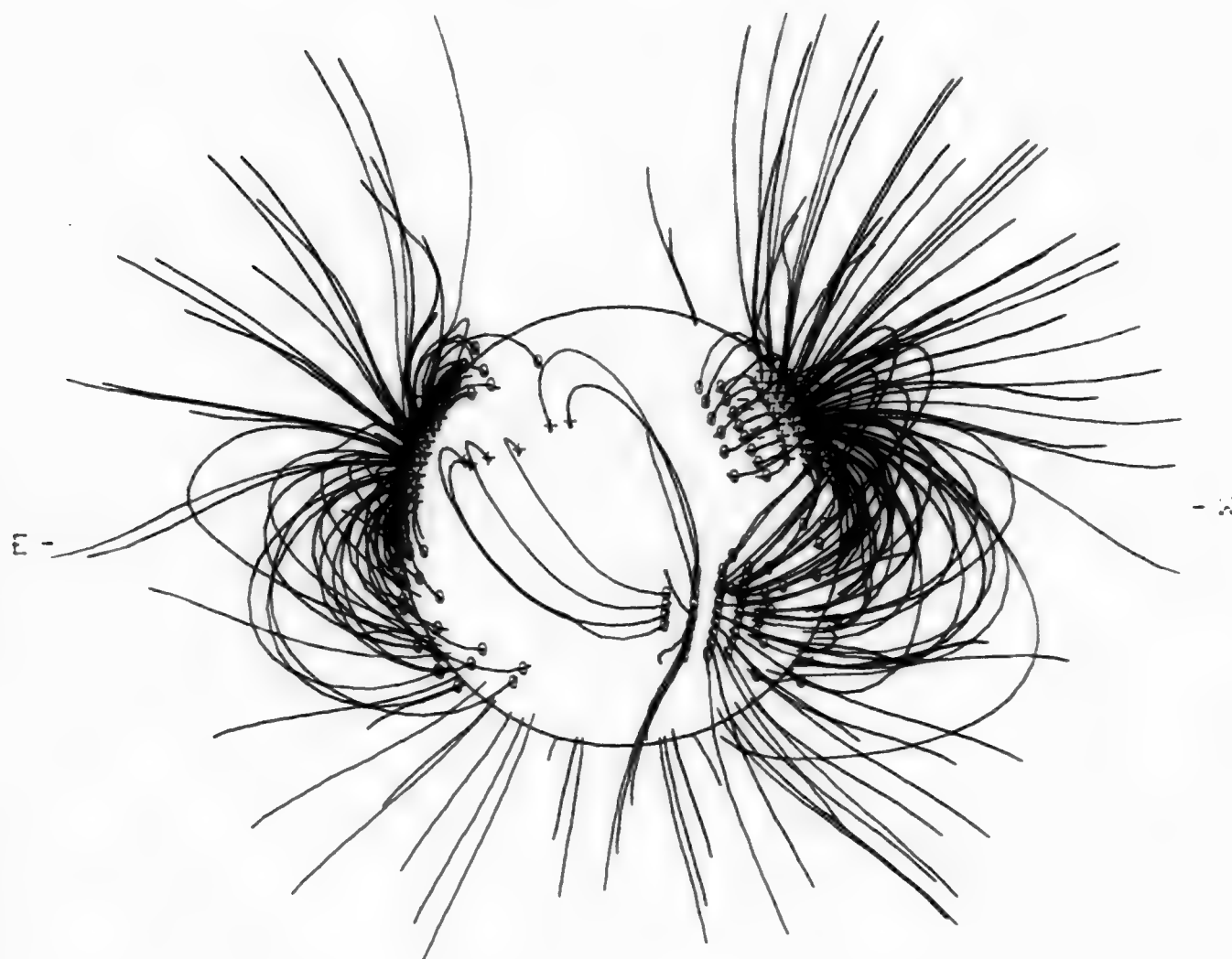
CATA WIND ON 1516.00

S

ROT. 1516 1016.110°

17.5 121 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1516.00

S

RUT. 1516 1013. 111

17.3 121 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

POLES DIRECT

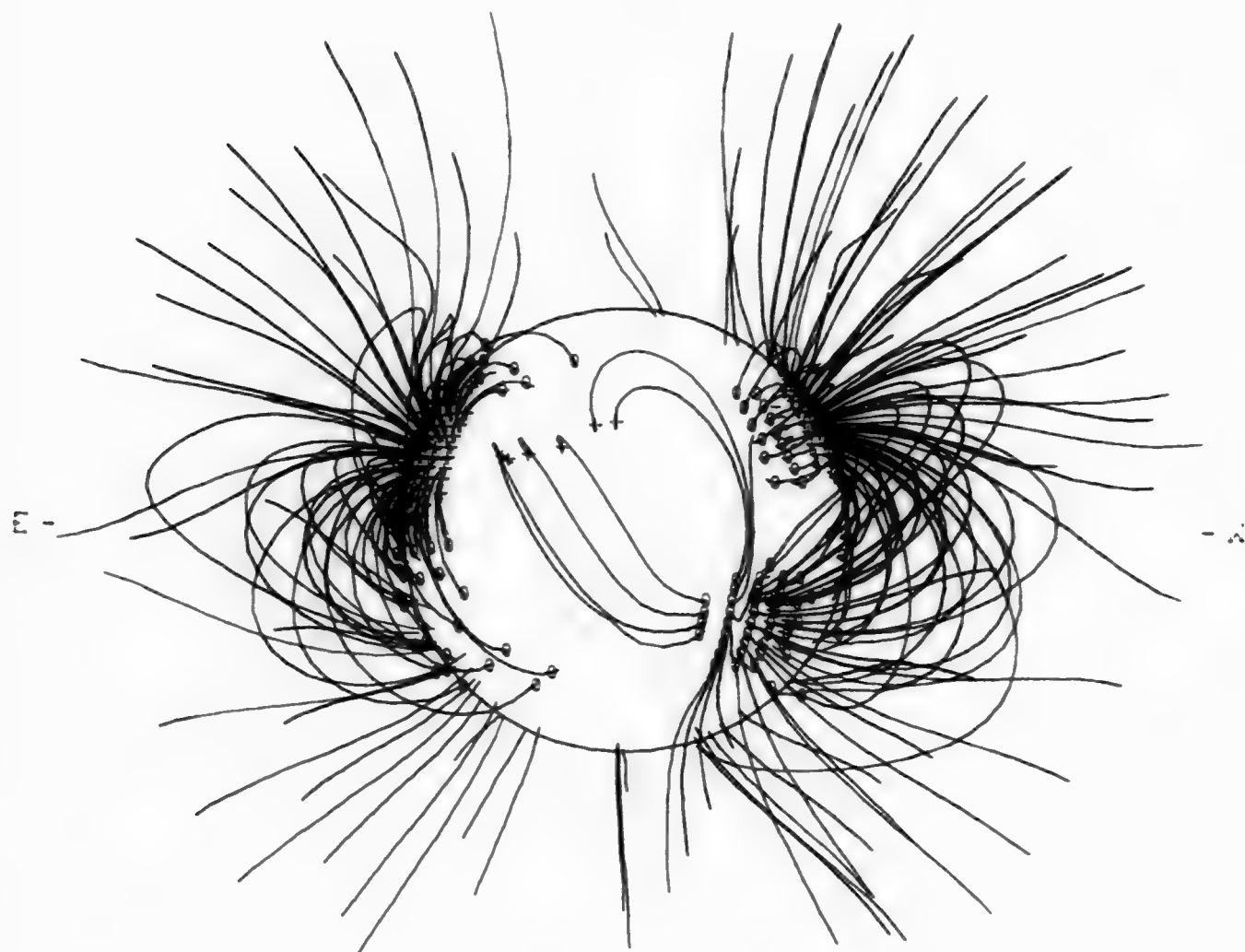
DATA WINDOW 1510.00

S

RCT. 15.6 LING. 100°

18.6 081 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA AREA ON 15/6/00

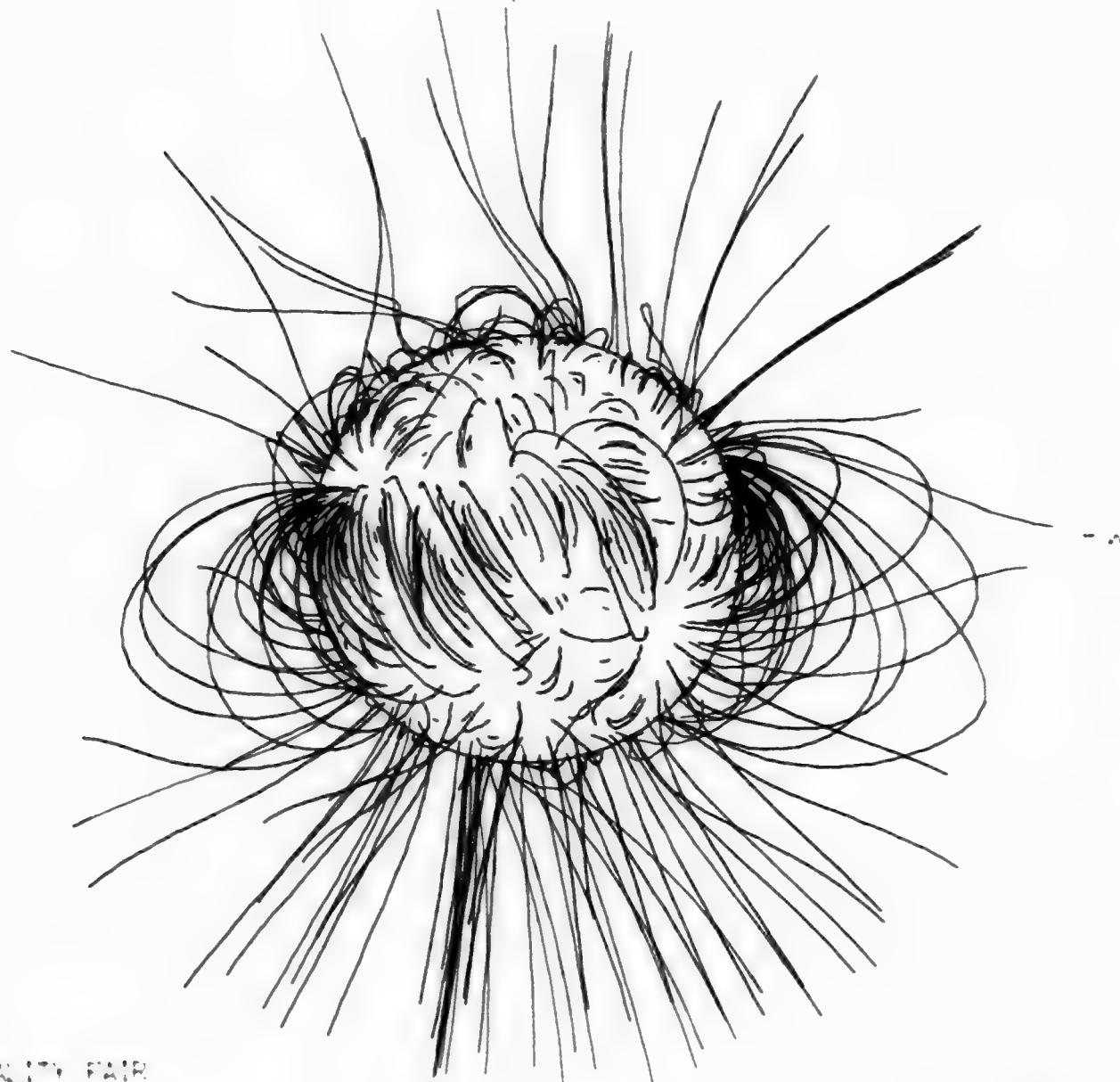
S

REL. 15/6 2000. 100°

18.5 120 120°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

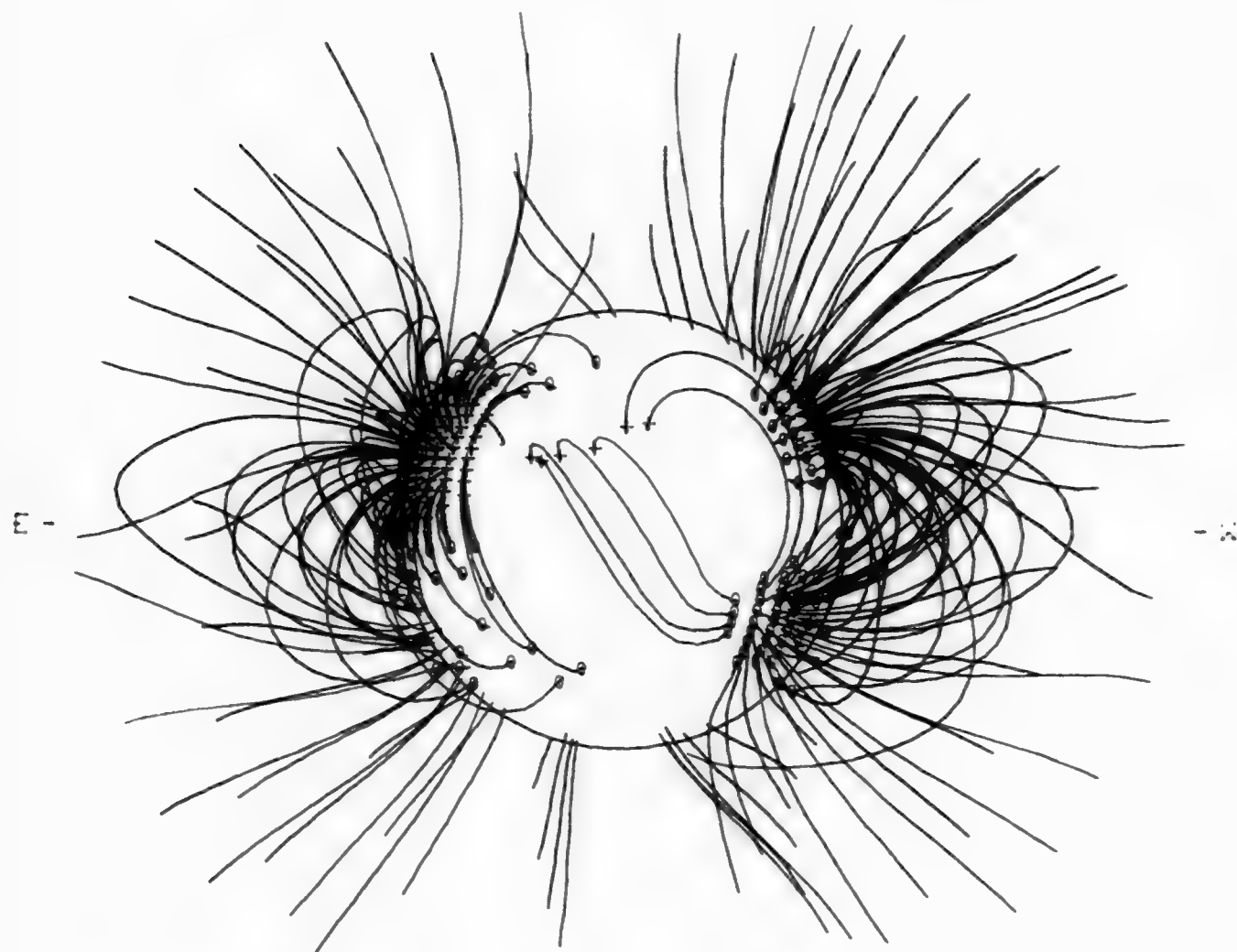


QUALITY FAIR
 PILES DIRECT
 DATA AND/OR 1976.00

S

ROT. 15° 10.0 10°
 19.4 10.0 10.0

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY PAIR

POLES DIRECT

DATA WINDOW 1516.00

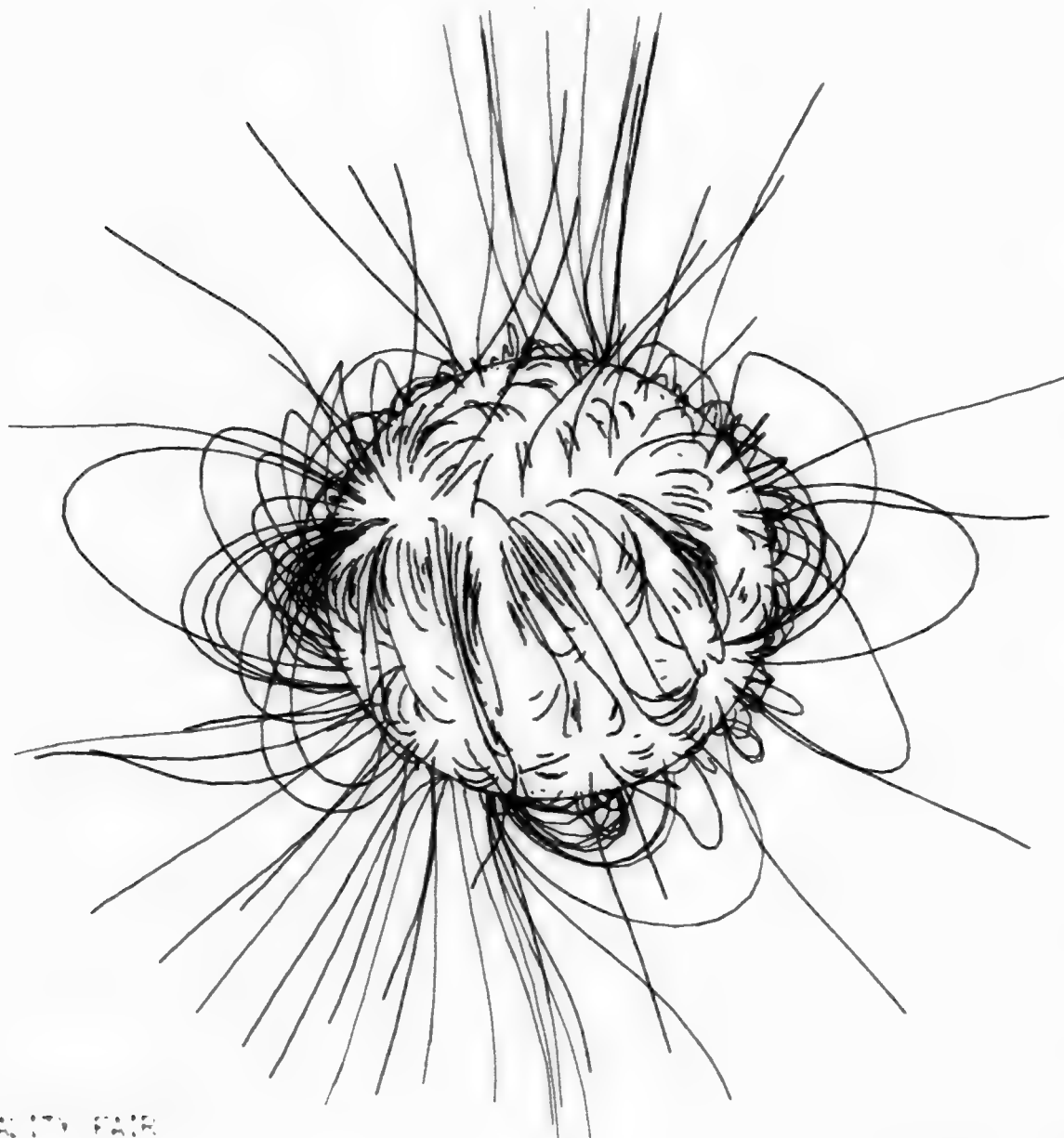
S

RUT. 1516 1113 1516

1516 1113 1516

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

3 -



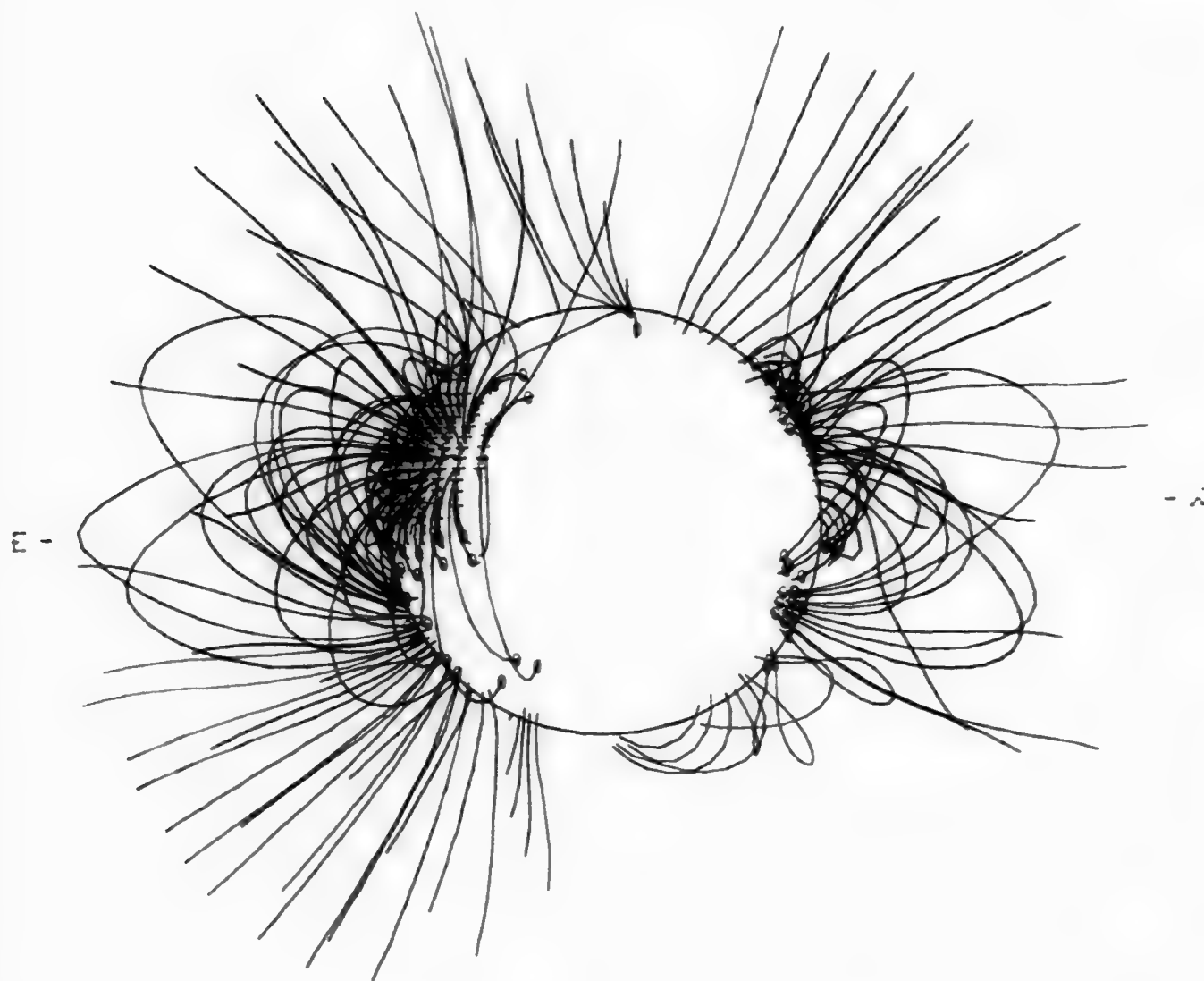
QUALITY FAIR

FILES DIRECT

DATA WITHIN 1516.47

ROT. 1516 1.116. 61°
2011 11. 1.257

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1516.47

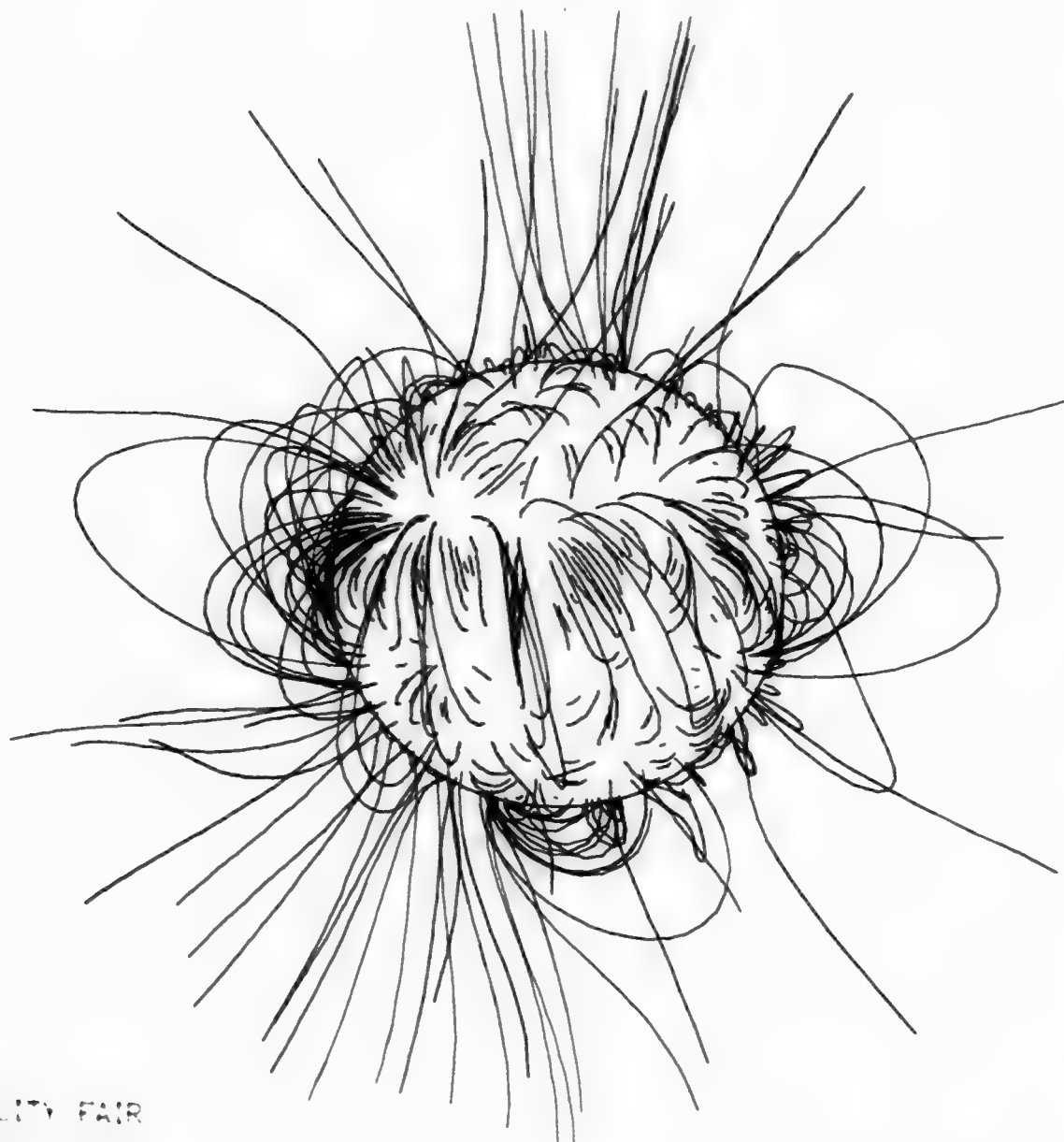
S

ROT. 1516 2016.47

2016.47 1516.47

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

7 -



1 -

QUALITY FAIR

POLES DIRECT

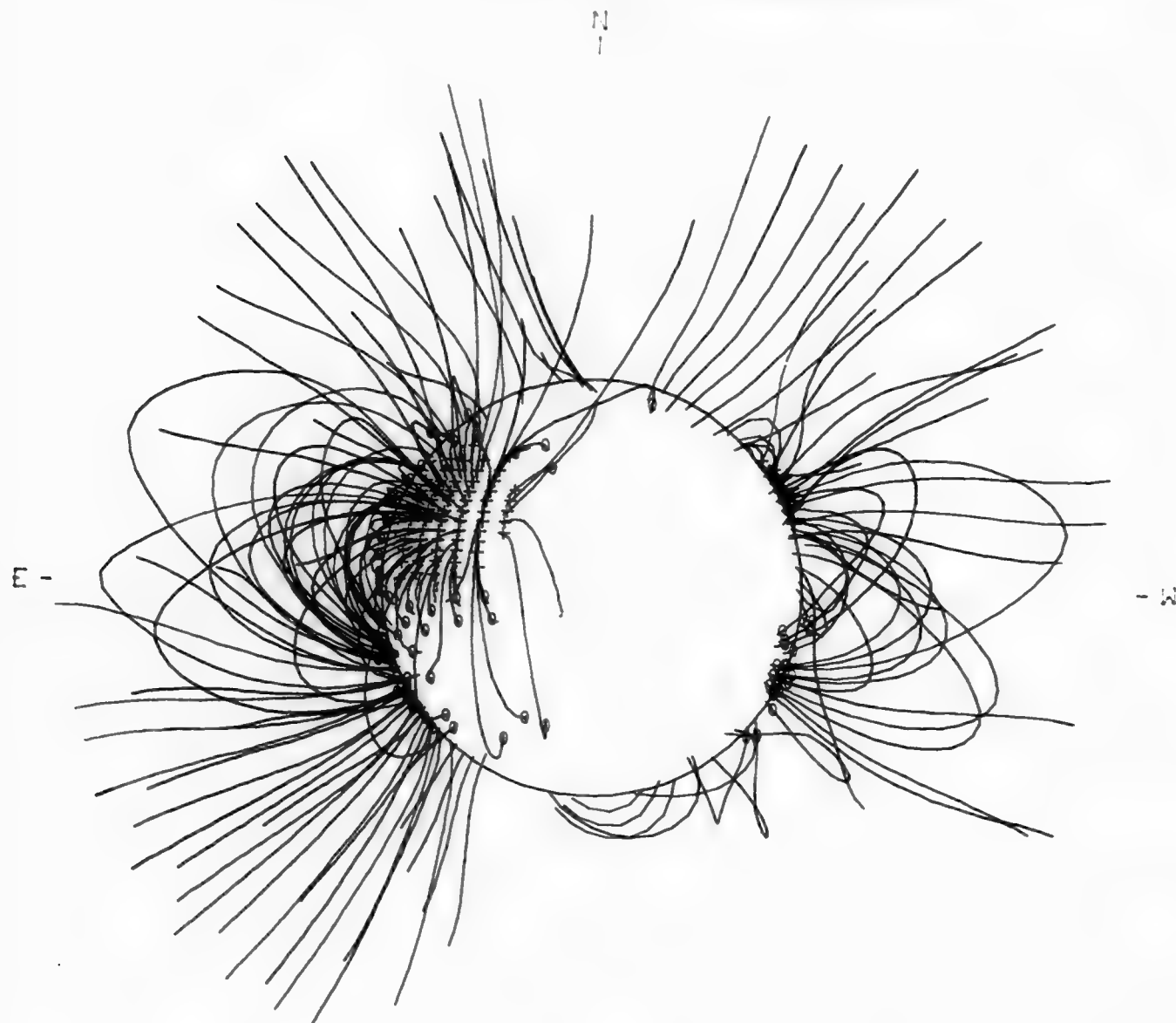
DATA WINDOW 1516.47

S

RUT. 15'6" LING. 70°

20.9 JAN 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1516.47

S

ROT. 1516 LONG. 71°

20.9 JAN 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

POLES DIRECT

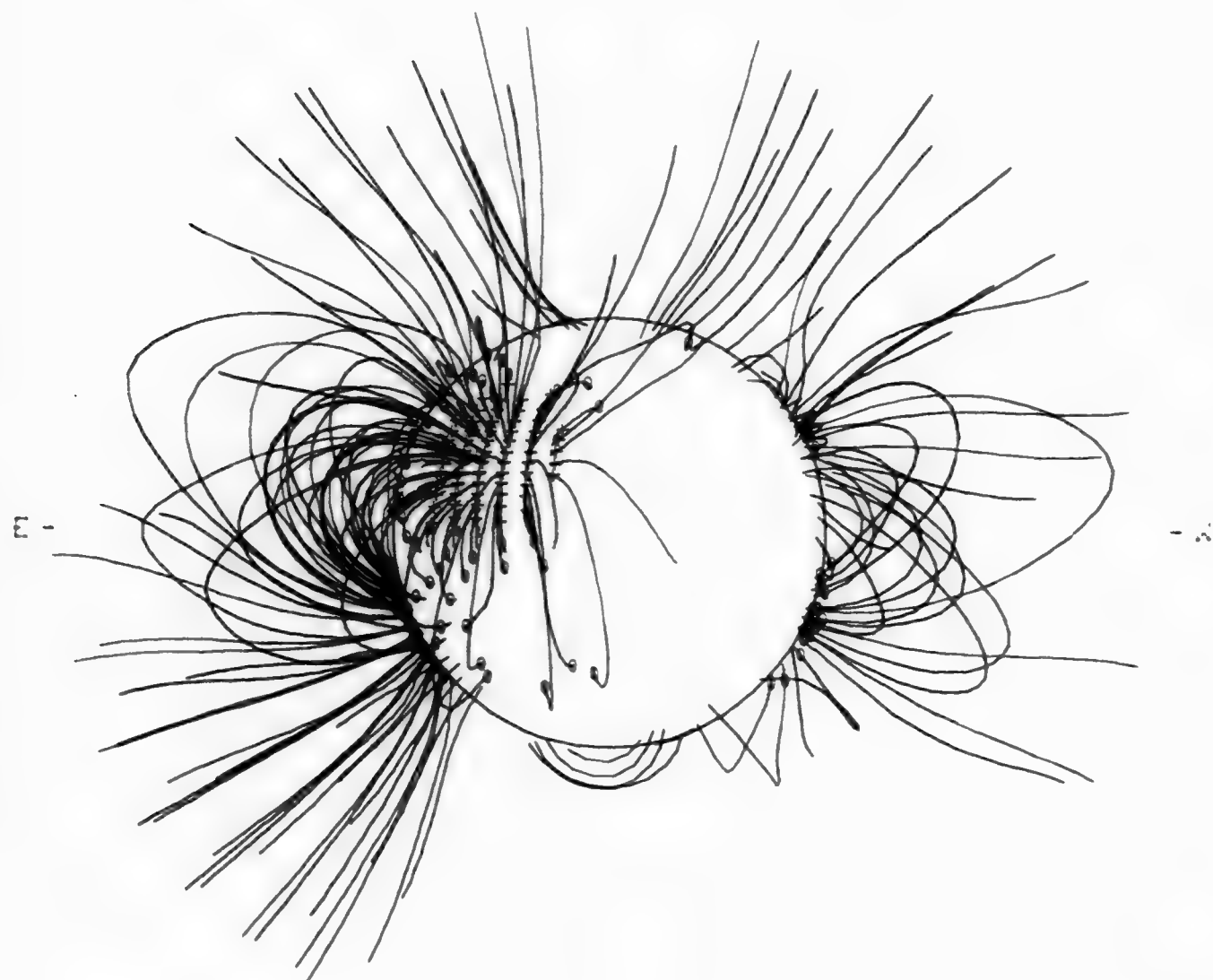
DATA WINDOW 1510.47

S

R.T. 1515 L.T. 1515

21.7 1515 1515

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1516.47

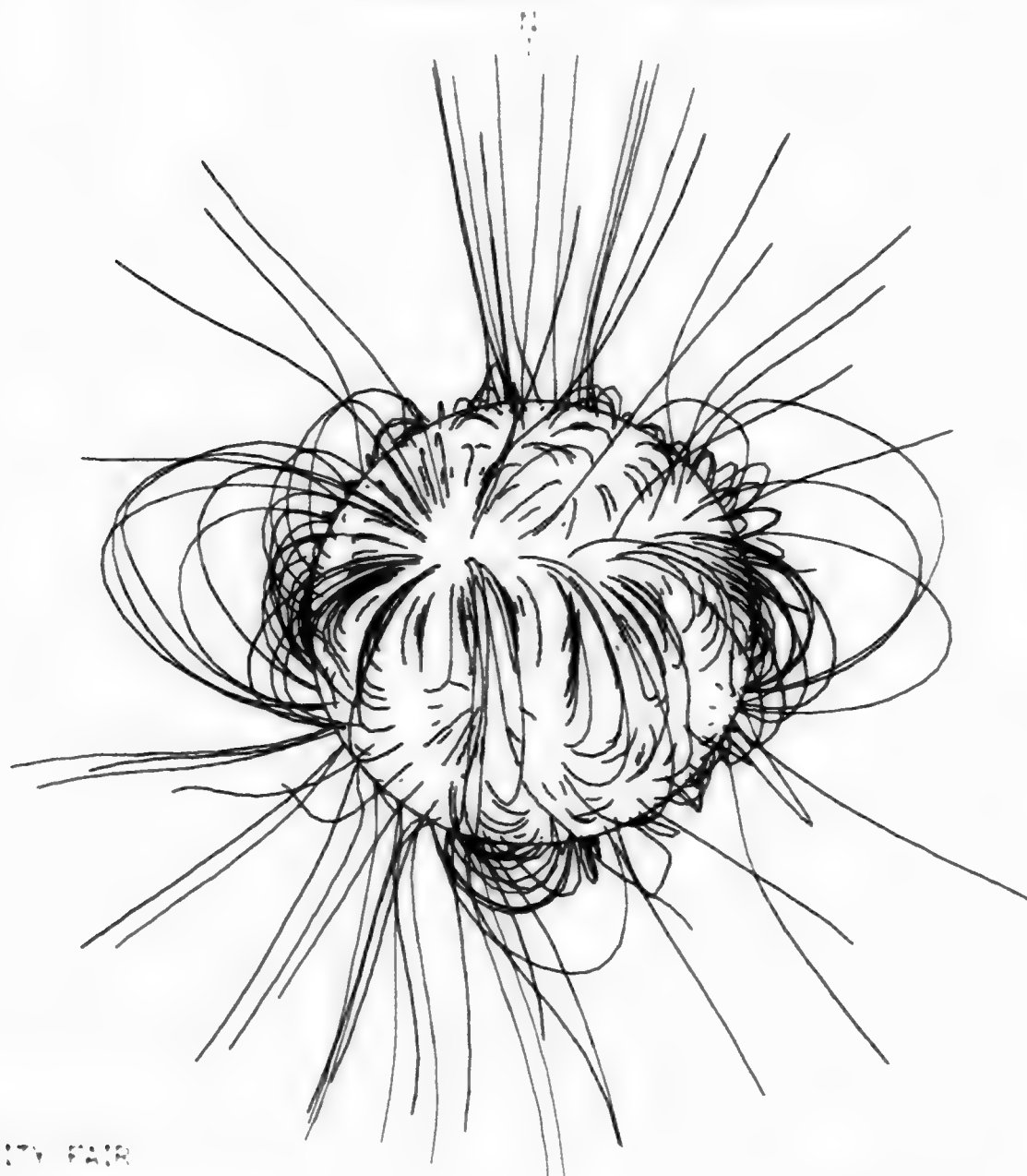
S

RUT. 1516 1000 40°

21.7 (21) 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



- S

QUALITY FAIR

POLES DIRECT

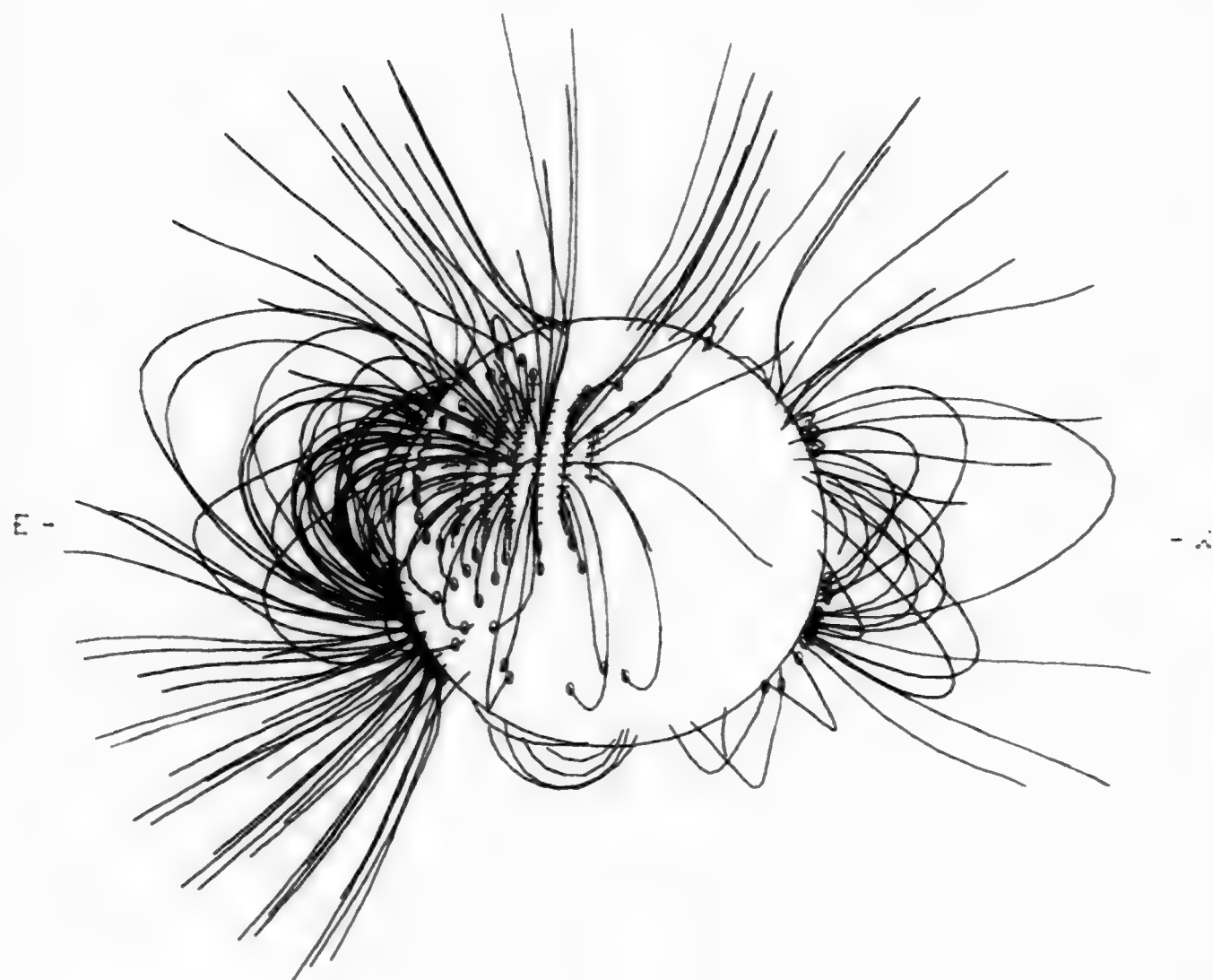
DATA WINDOW 1516.47

S

R.T. 1914 2013. 50°

22.5 121. 1.28

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

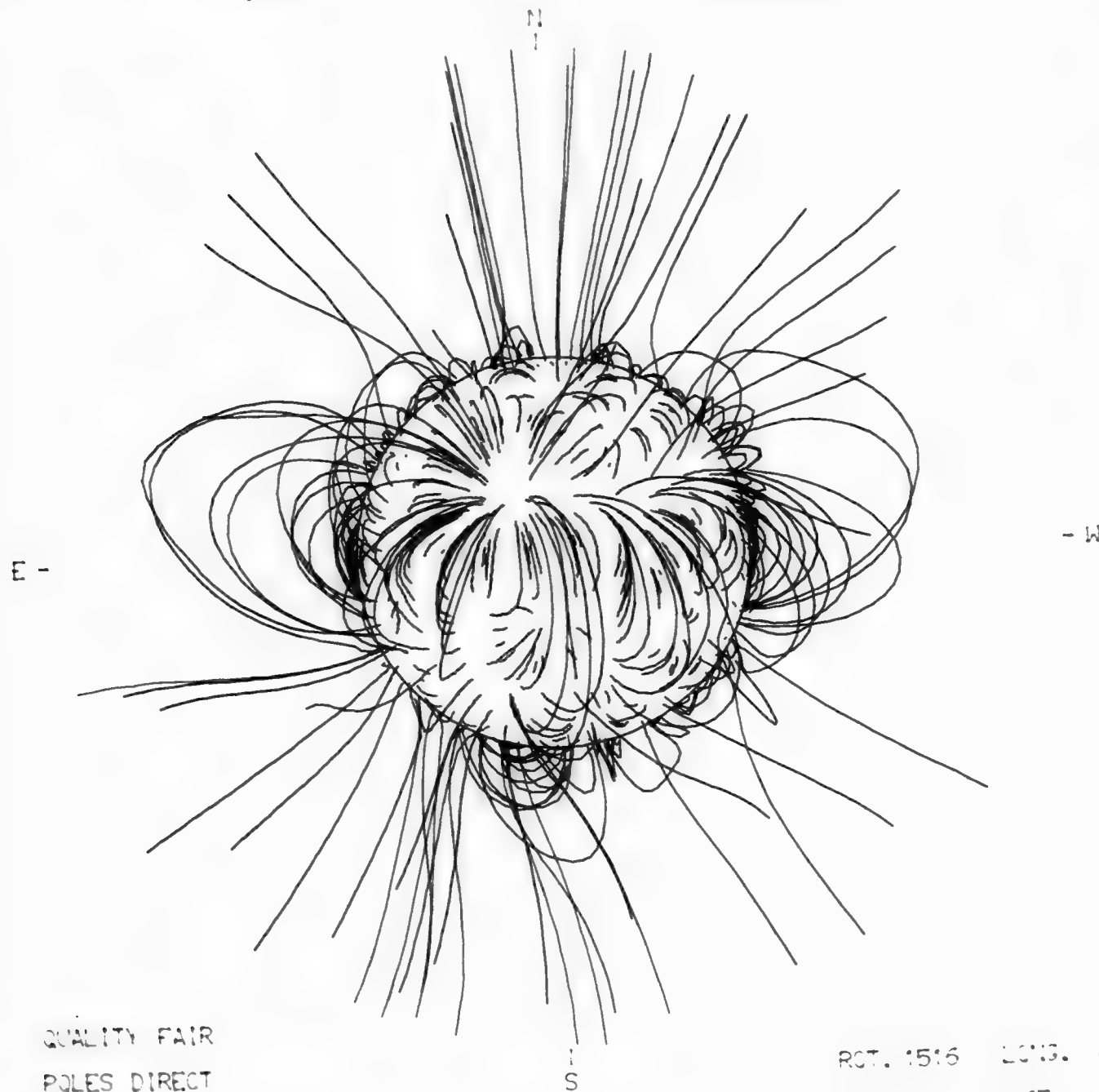
LATA WILSON 1516.47

S

8.7. 15.6 1.00. 51°

22.5 1.21 1967

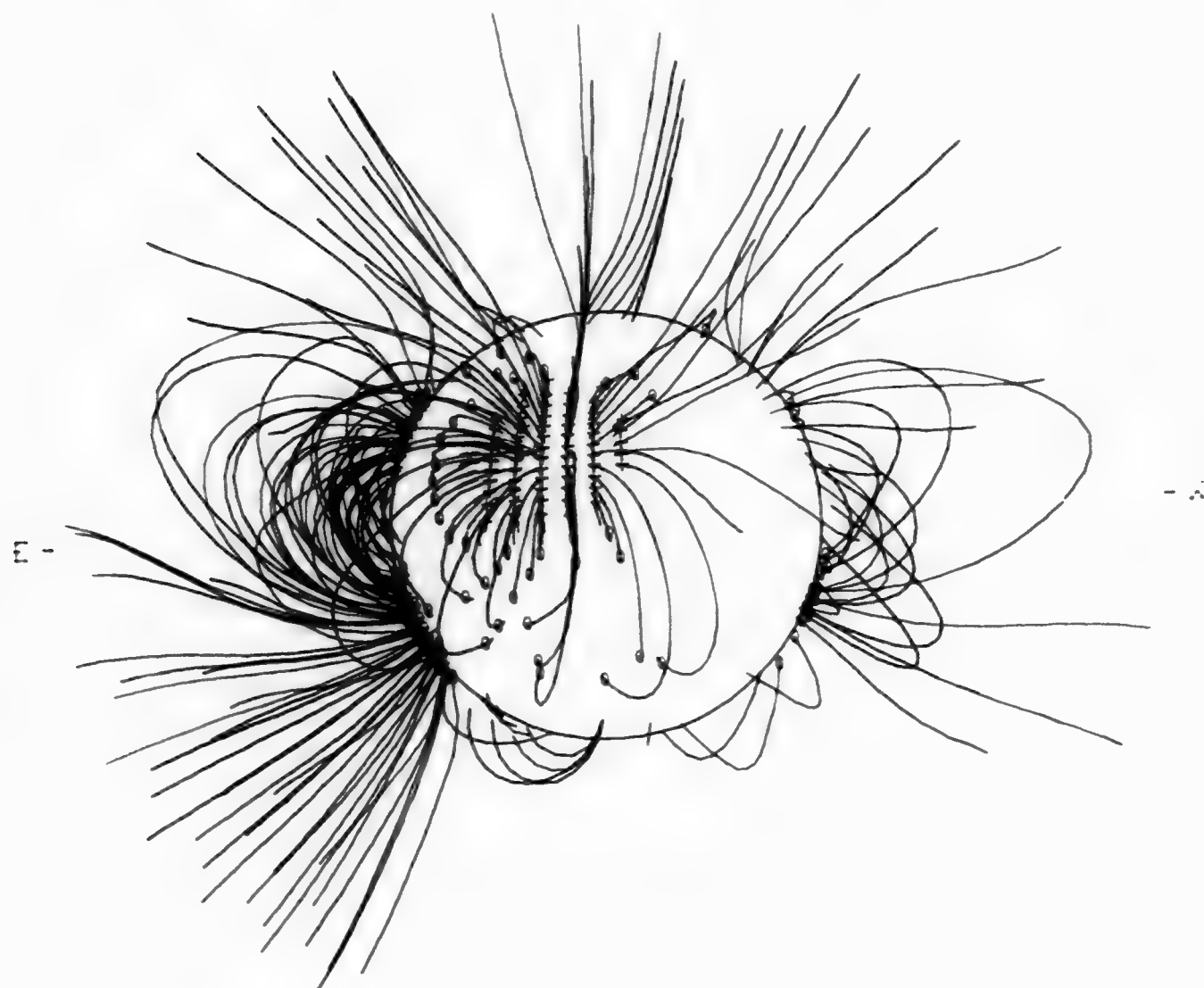
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1516.47

ROT. 1516 2013. 40°
23.2 JAN 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

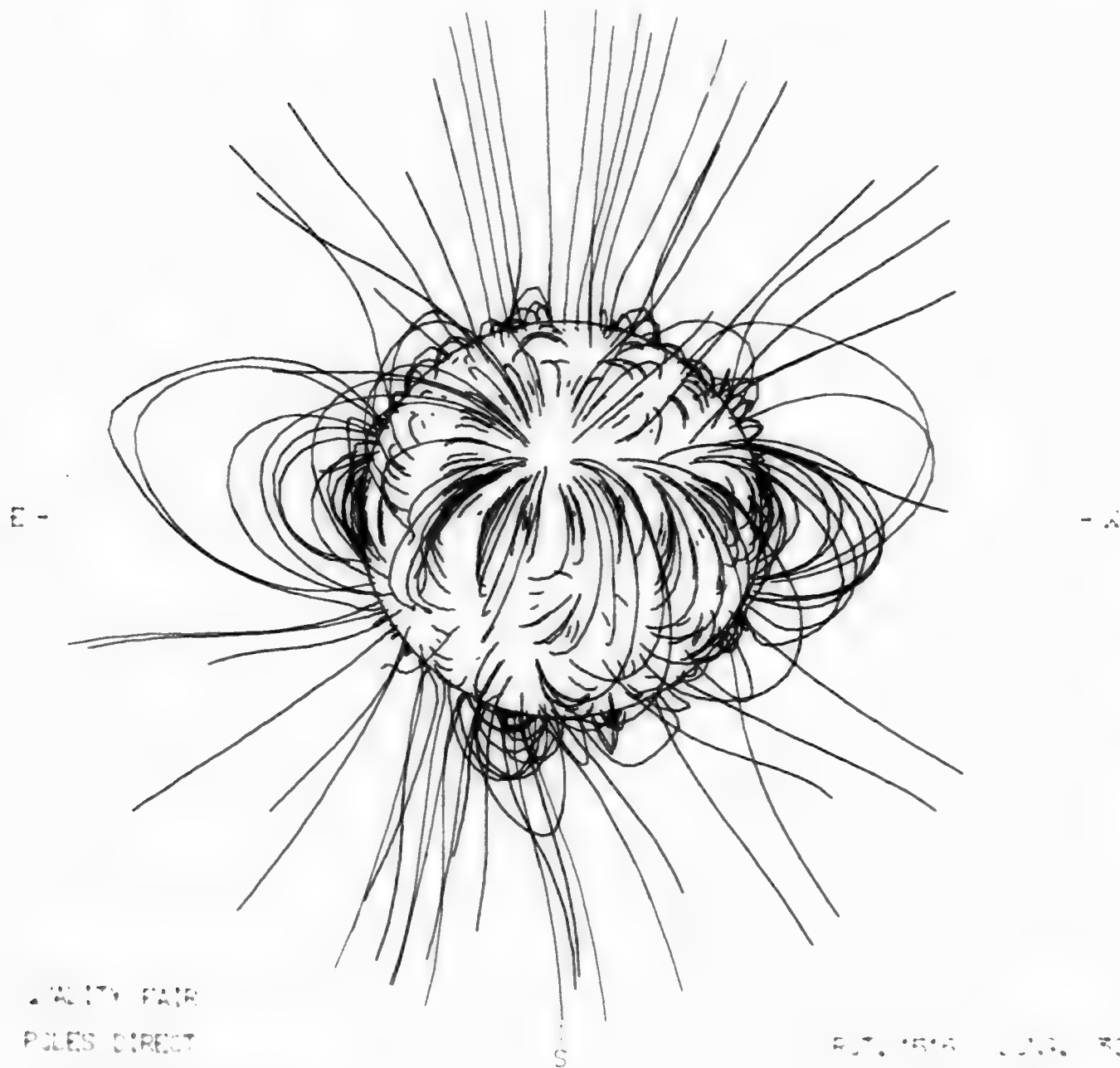


QUALITY PAIR
 PALES LIFE
 DATA AND/OR 1970.47

S

2.7. 1974 20.3. 41°
 23.2 21. 1977

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

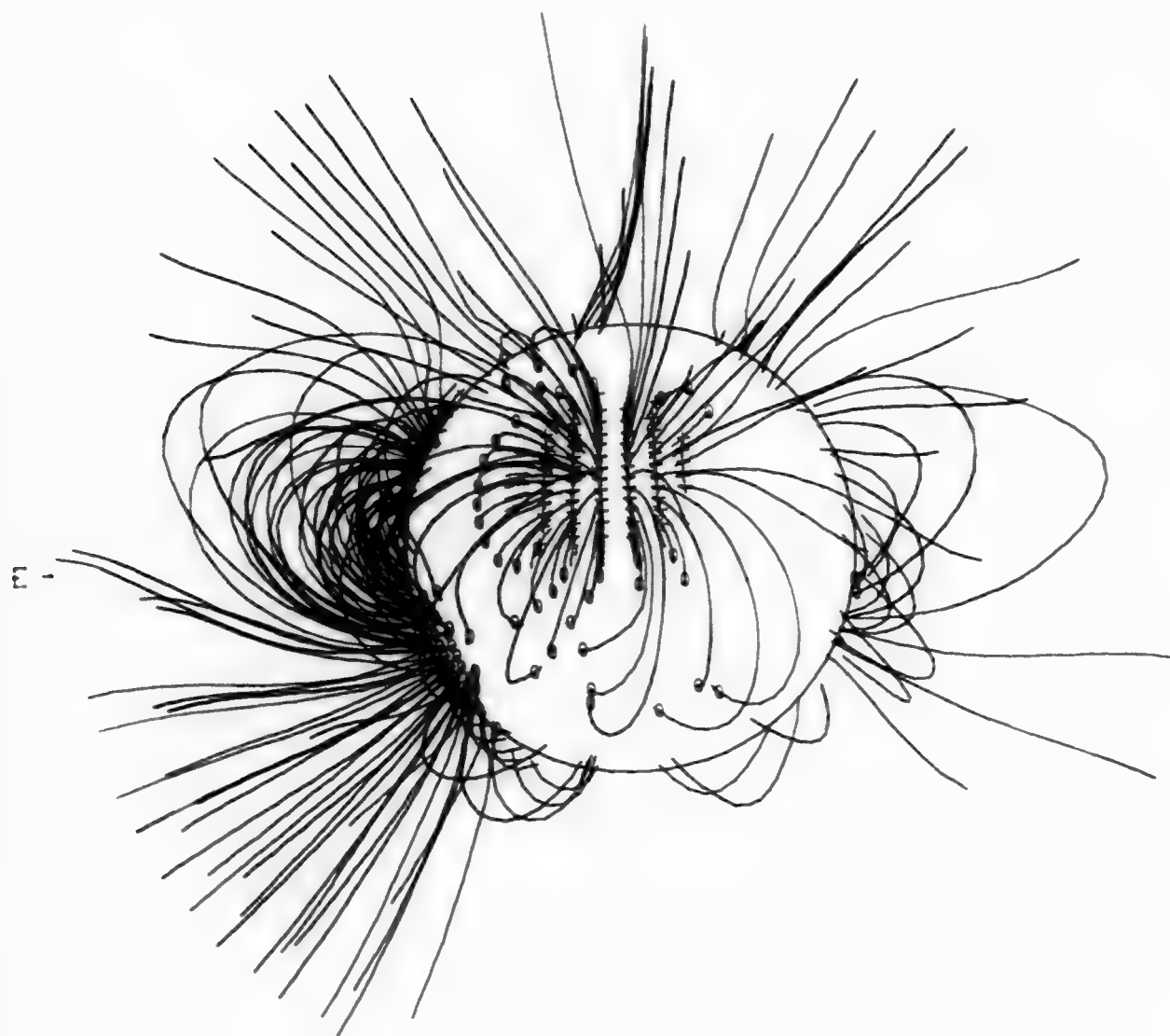
POLES DIRECT

DATA WINDOW 1516.47

RT. 1516.47 1516.47

24.1 1516.47

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

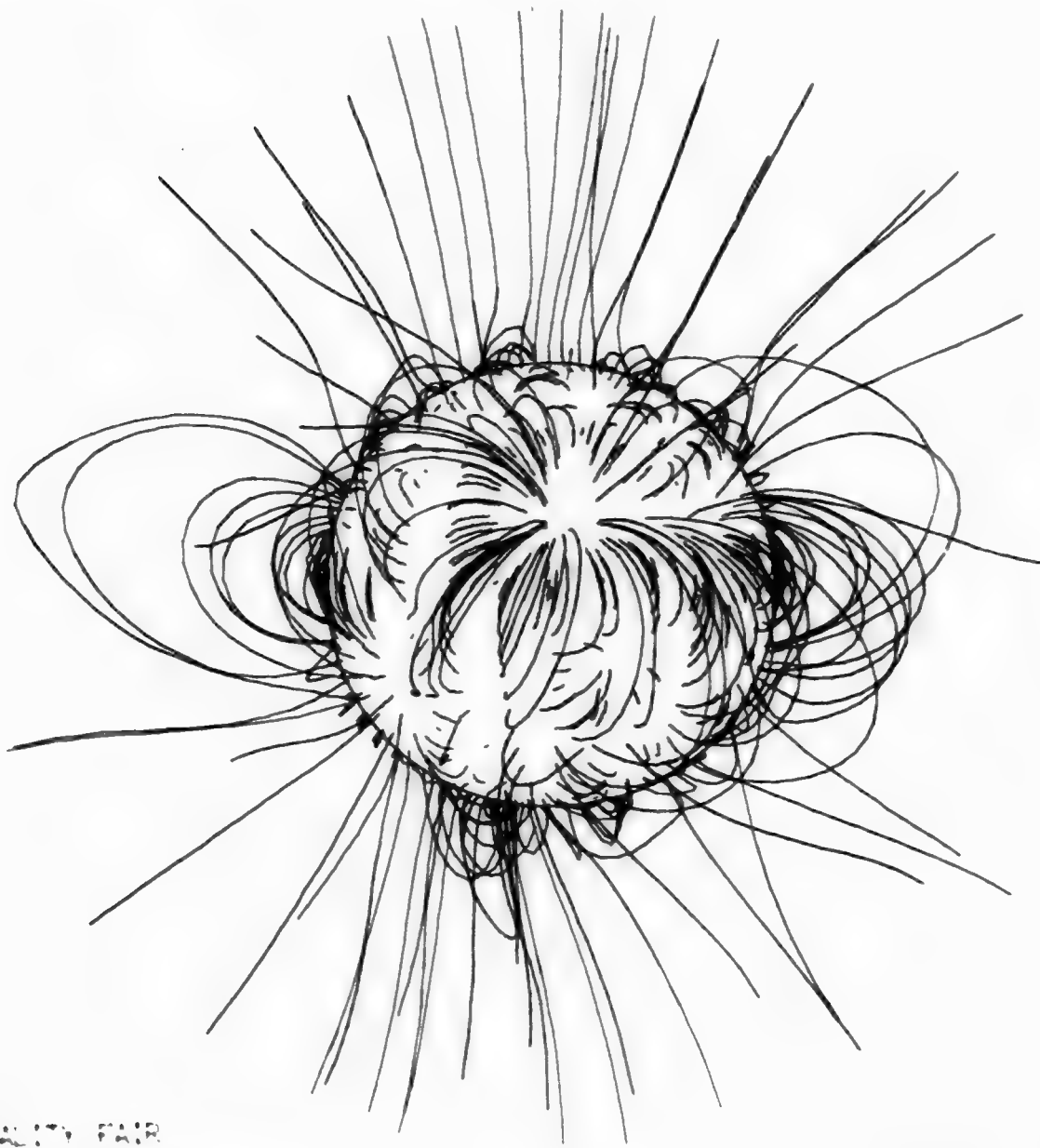
FILES DIRECT

DATA WINDOW 1516.47

RJT. 1516 1010. 31°
24.0 1010 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

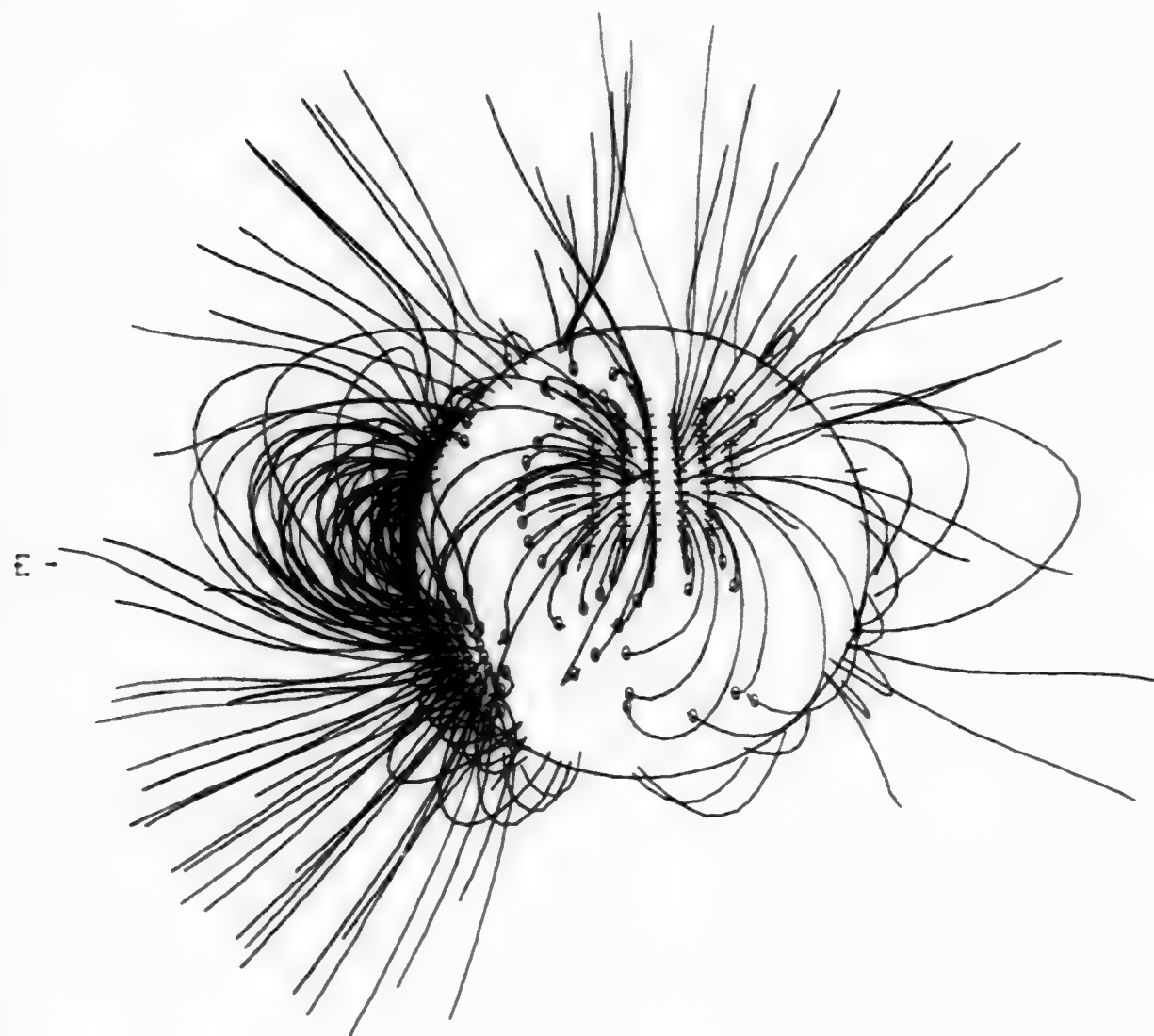


S

QUALITY FAIR
FILES DIRECT
DATA WINDOW 1514.47

RLT. 1516 1010. 21°
22.7 121 1207

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

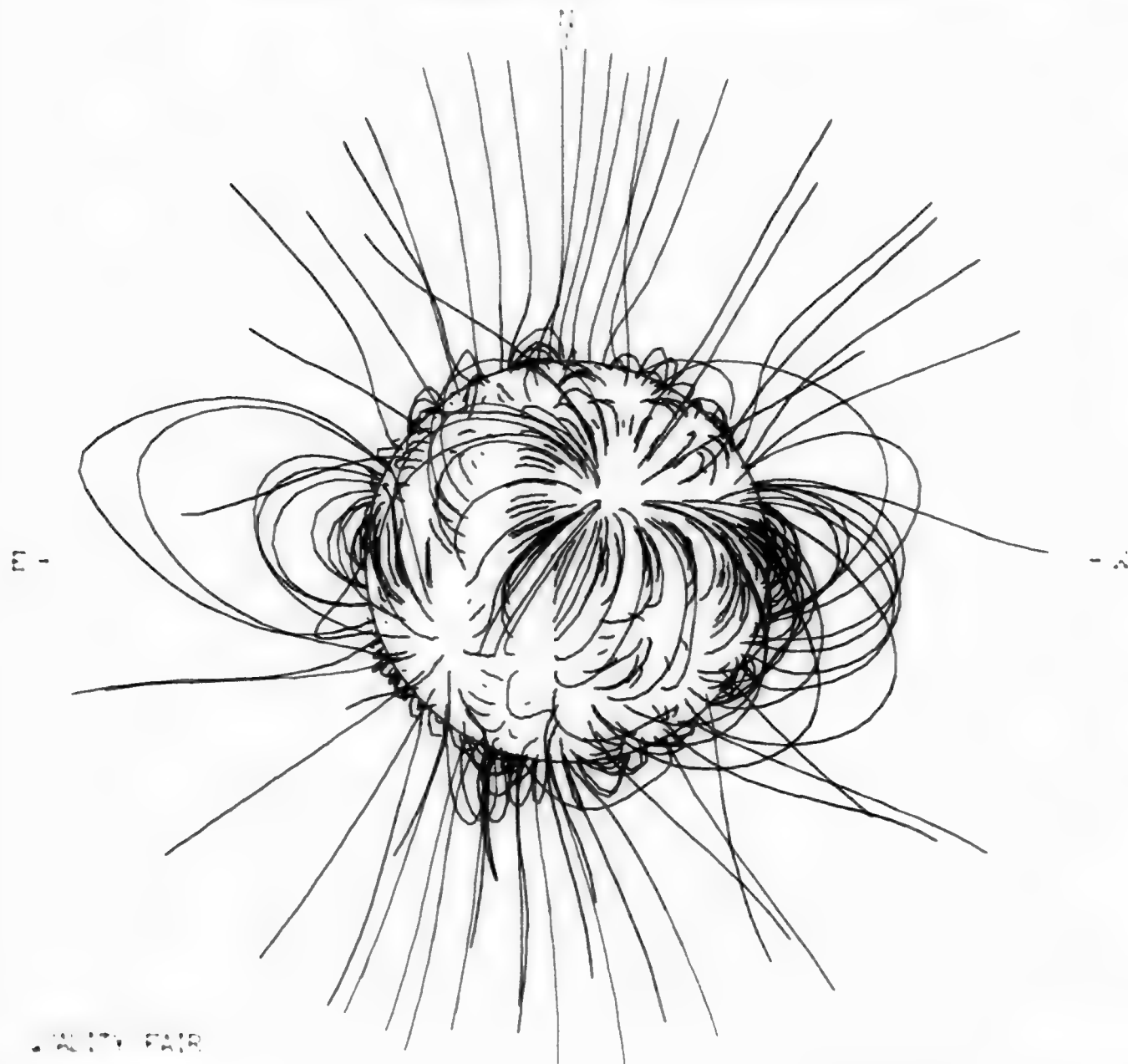
DATA WIND ON 1516.47

S

ROT. 1516 1016.47

14.7 141 1516

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

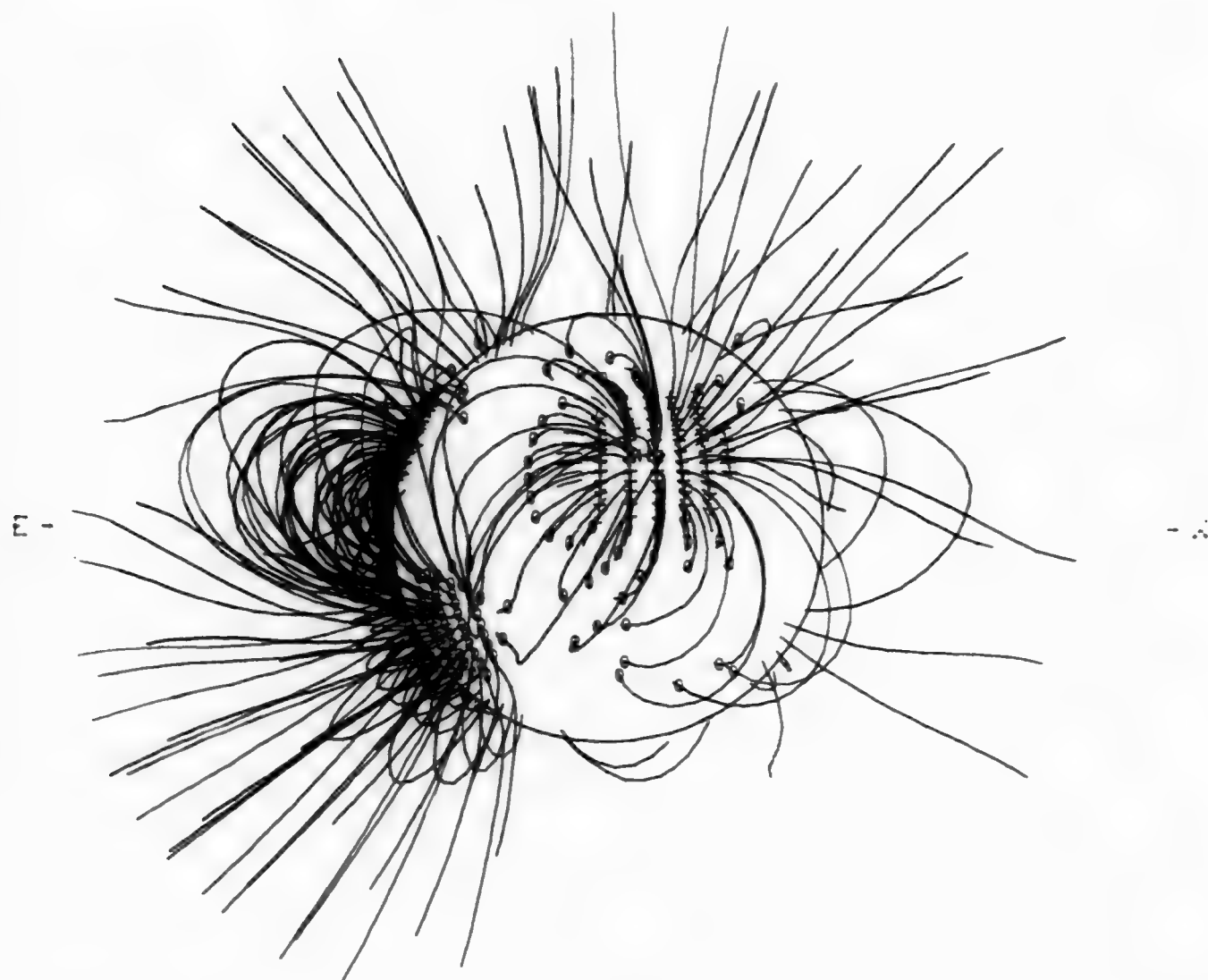
FILES CURRENT

DATA AVAILABLE 15.9.57

8.7.15.5 10.10.10

25.5 10.10.10

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

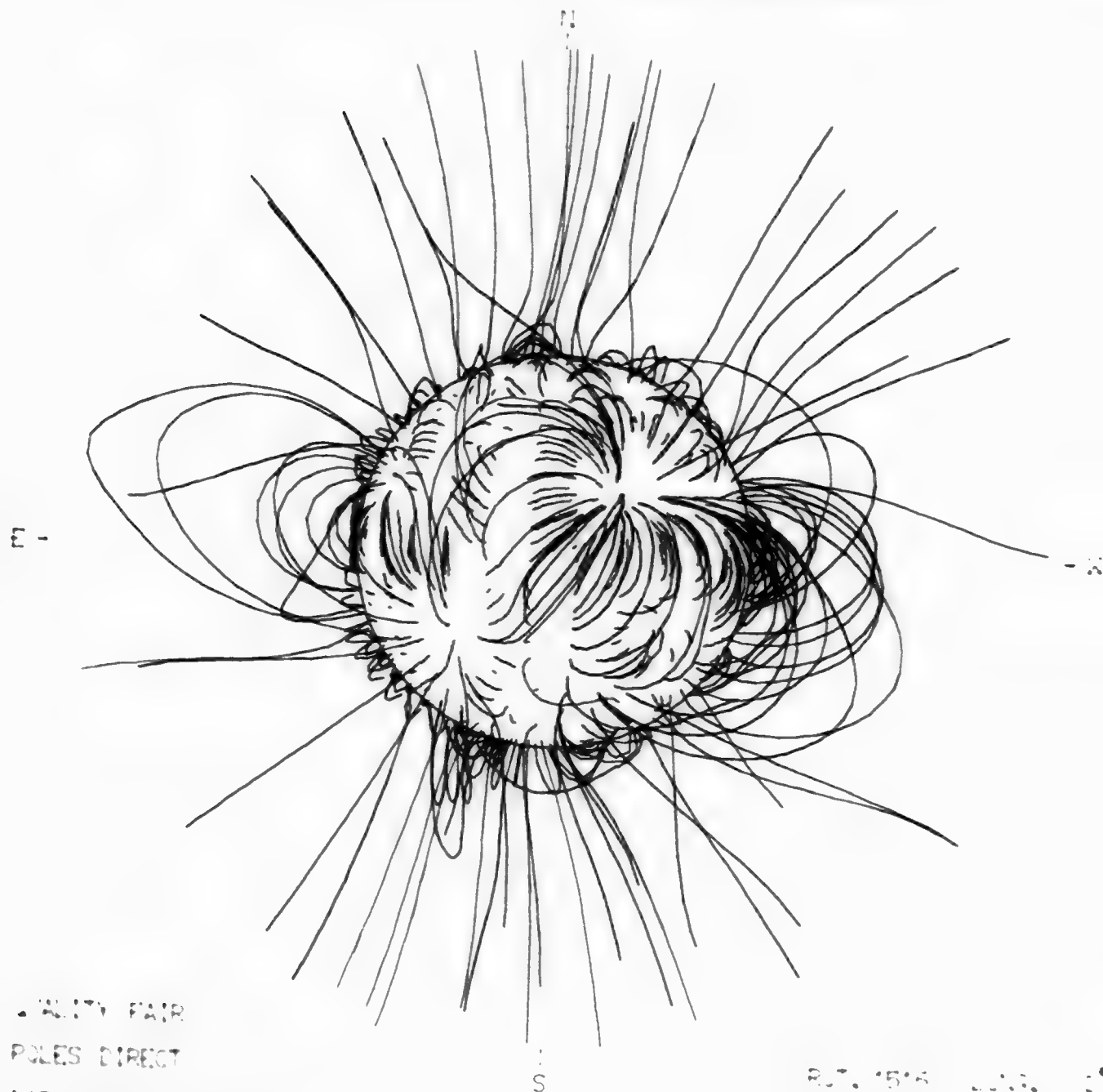
CATA WINDOW 1516.47

S

5.7. 15.6 2.10. 10°

25.5 1.21 1.27

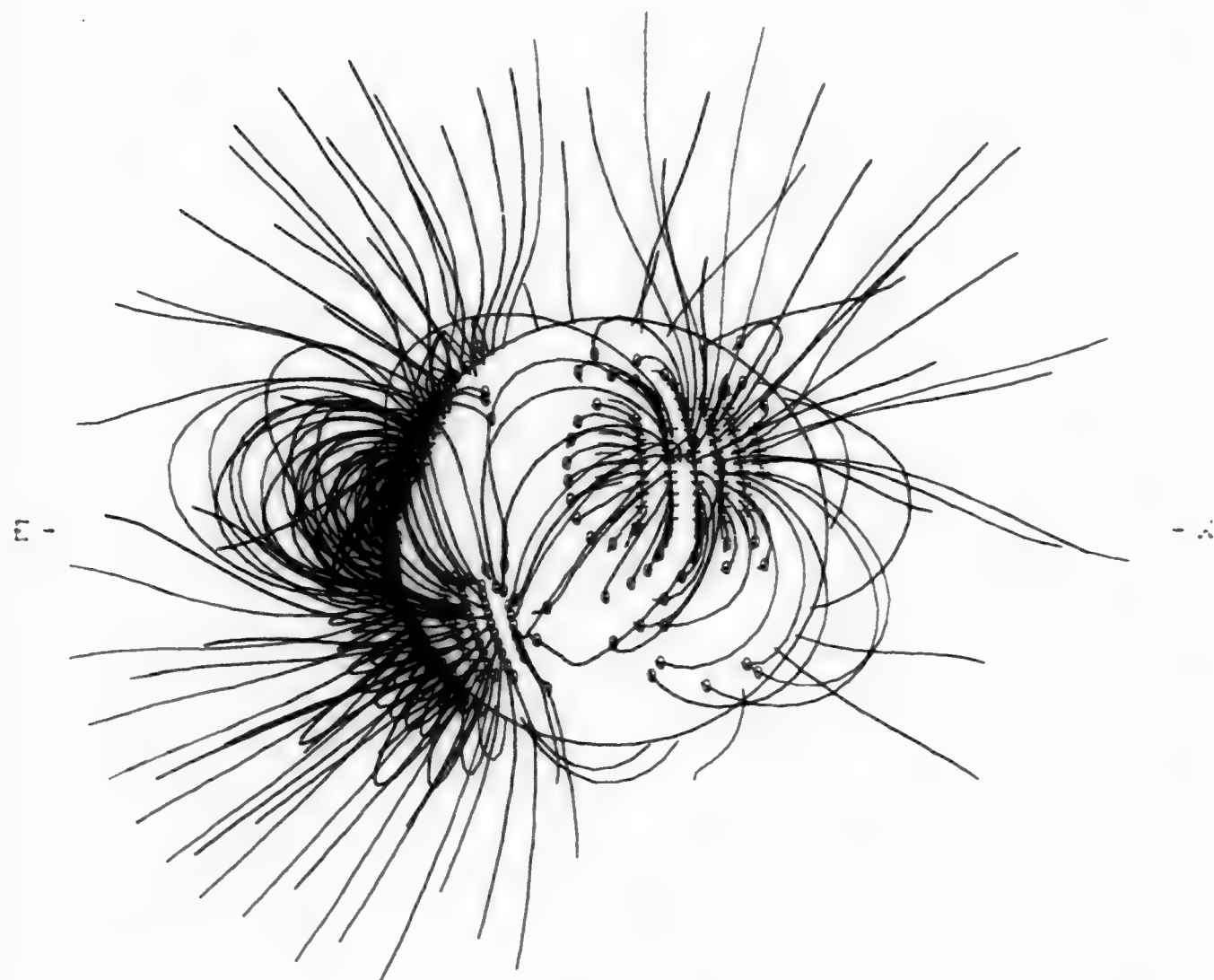
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA AVAILABLE 1974.47

RUT. 15.6 20.0 25.0

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

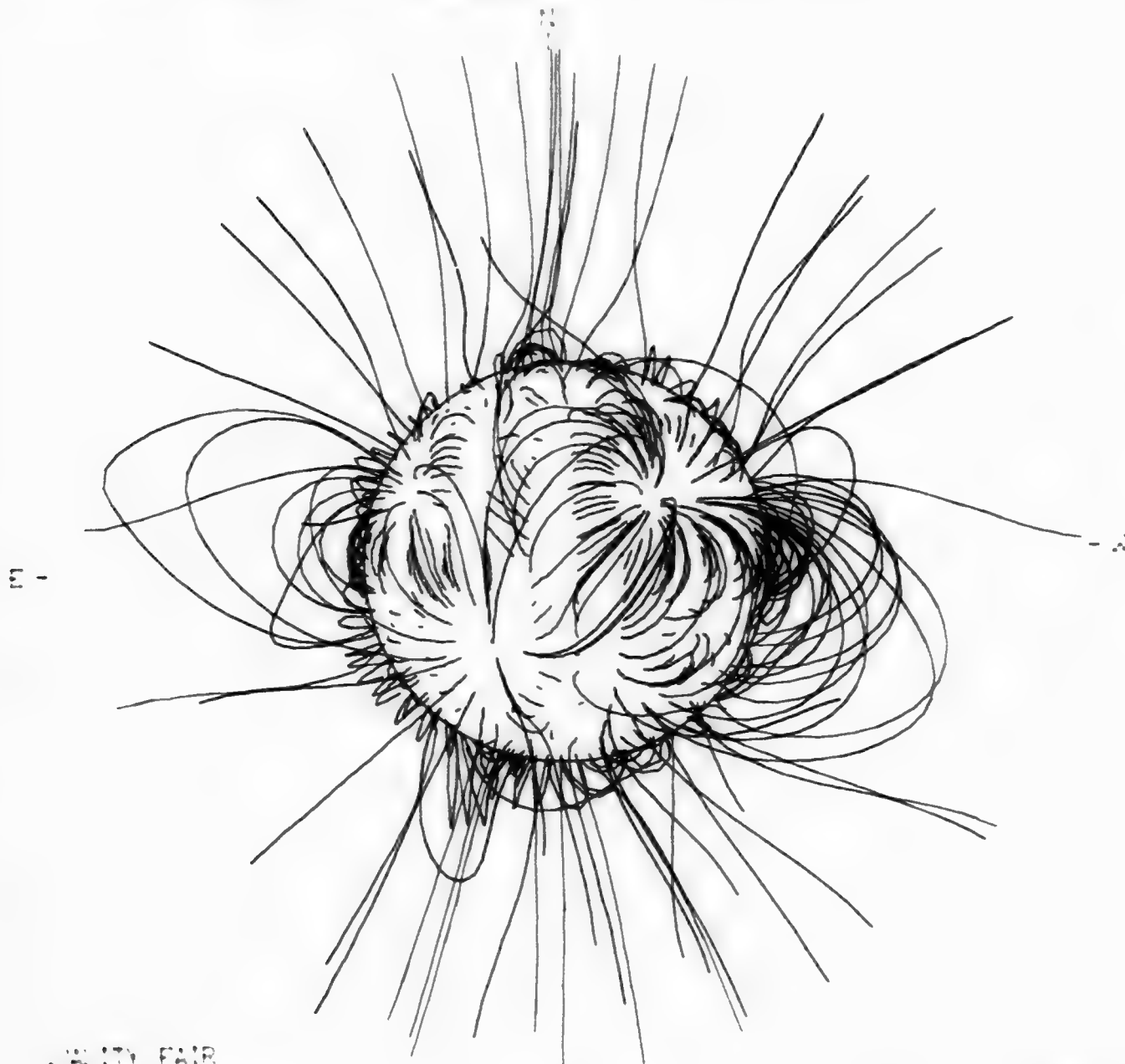
FILES DIRECT

DATA NUMBER 1516.47

ROT. 1516 1113. 1°

25.2 1211 1.67

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

PALES STREET

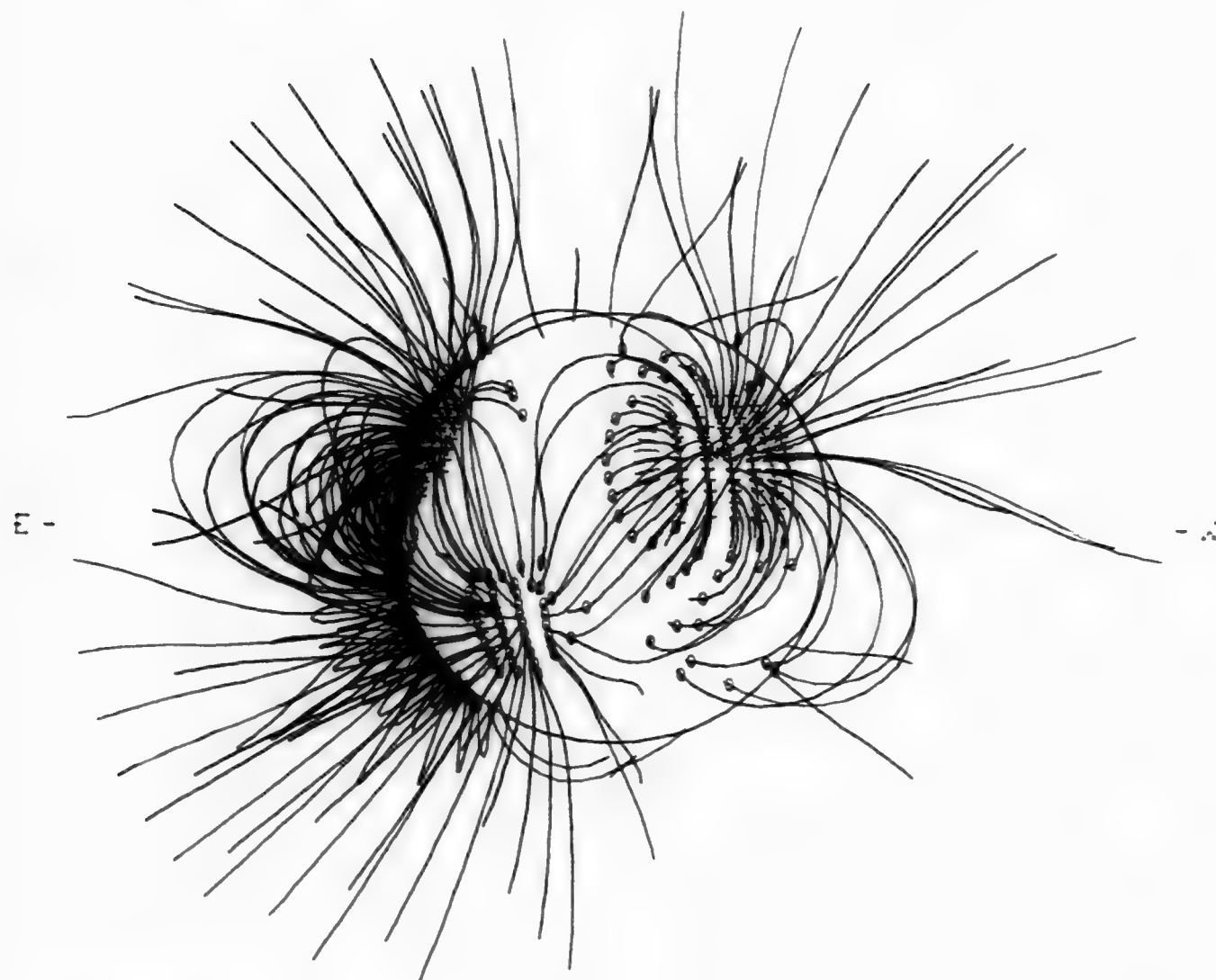
CATA WINDON 1516.47

S

ROT. 15.77 1016. 351°

27.1 1011 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

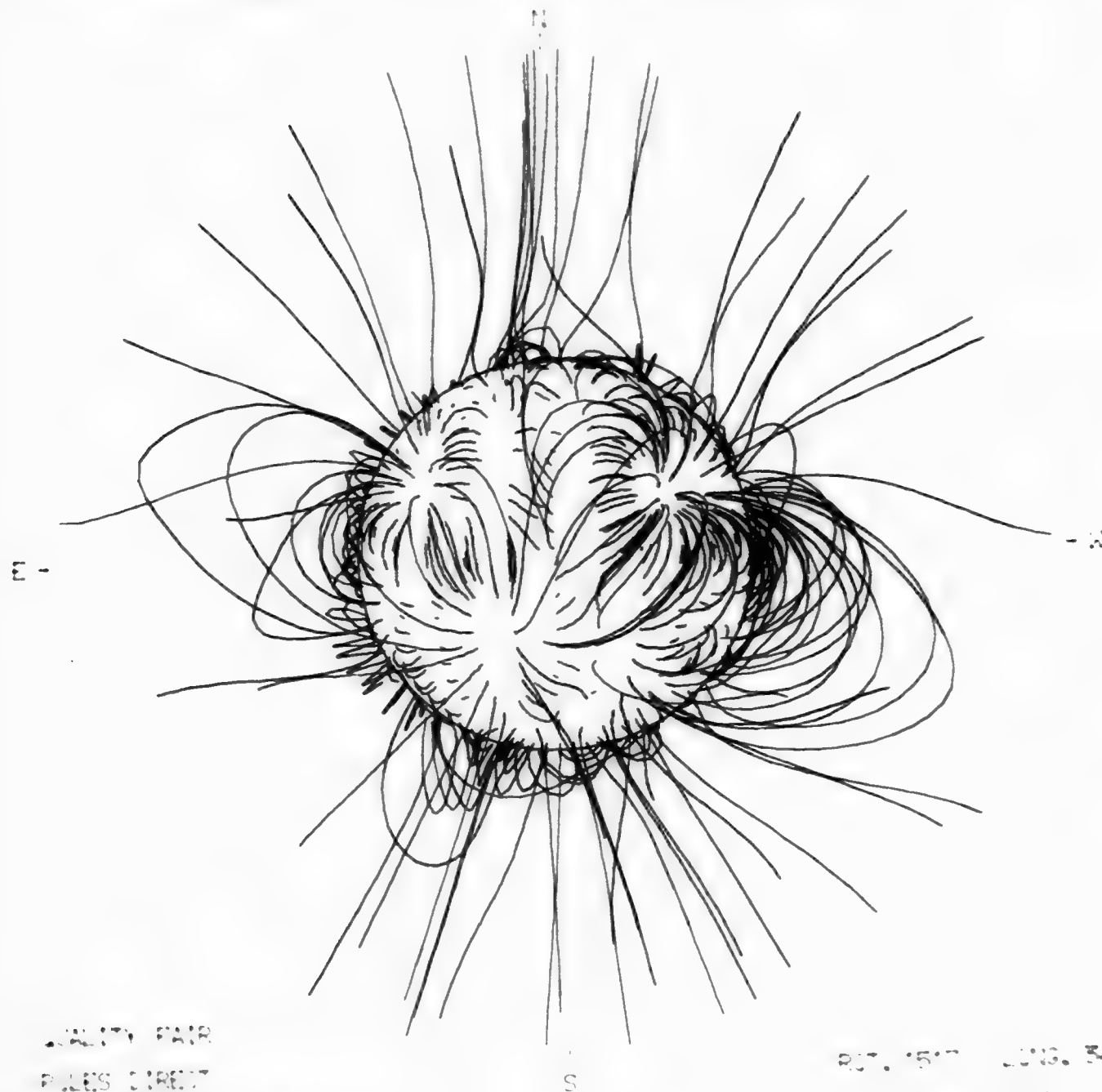
DATA AREA IN 1516.47

S

REL. 1517 1110.550

2710 1211 1257

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

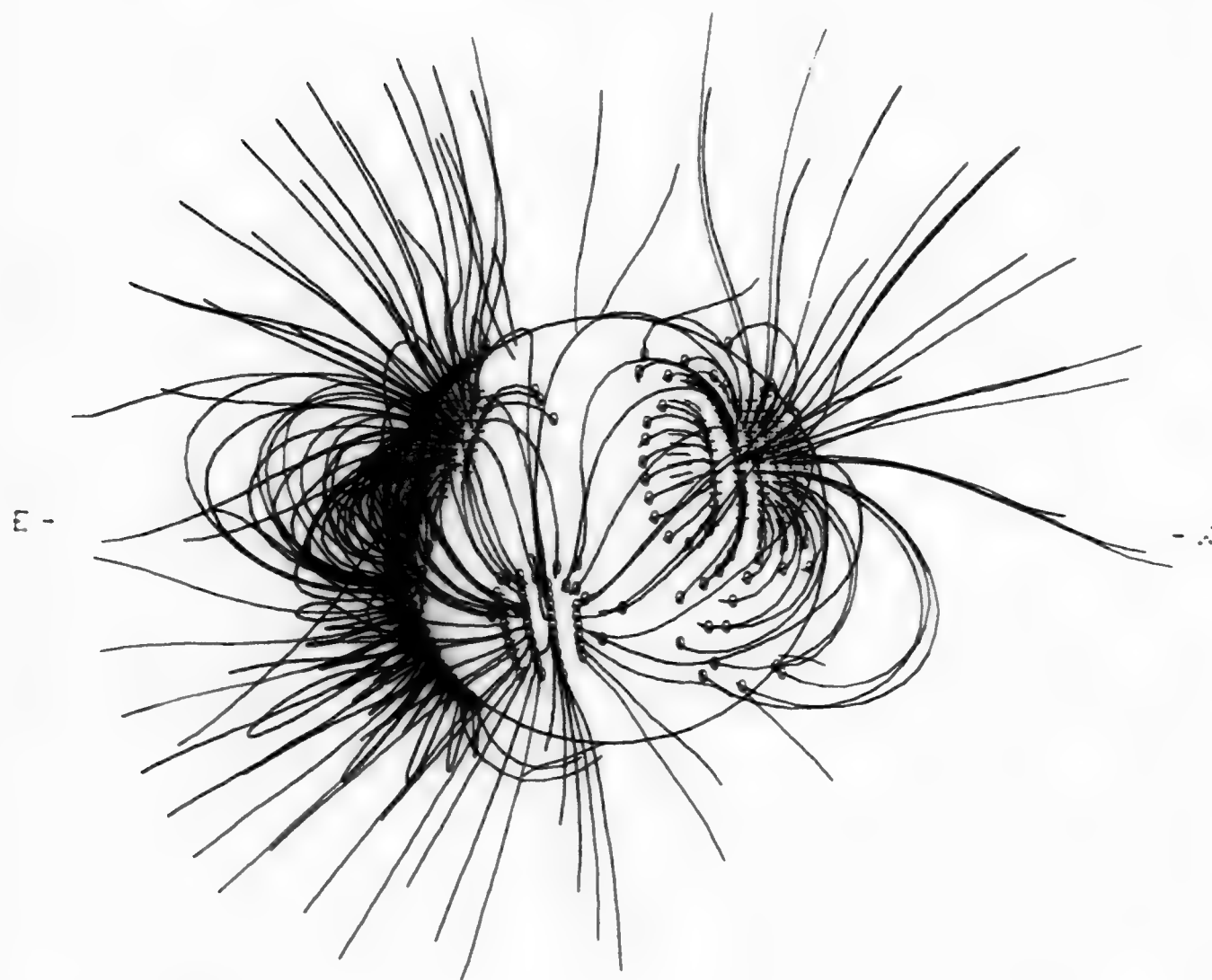
FILES DIRECT

DATA WINDOW 1516.47

207.157 2016.347

27.8 121.147

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

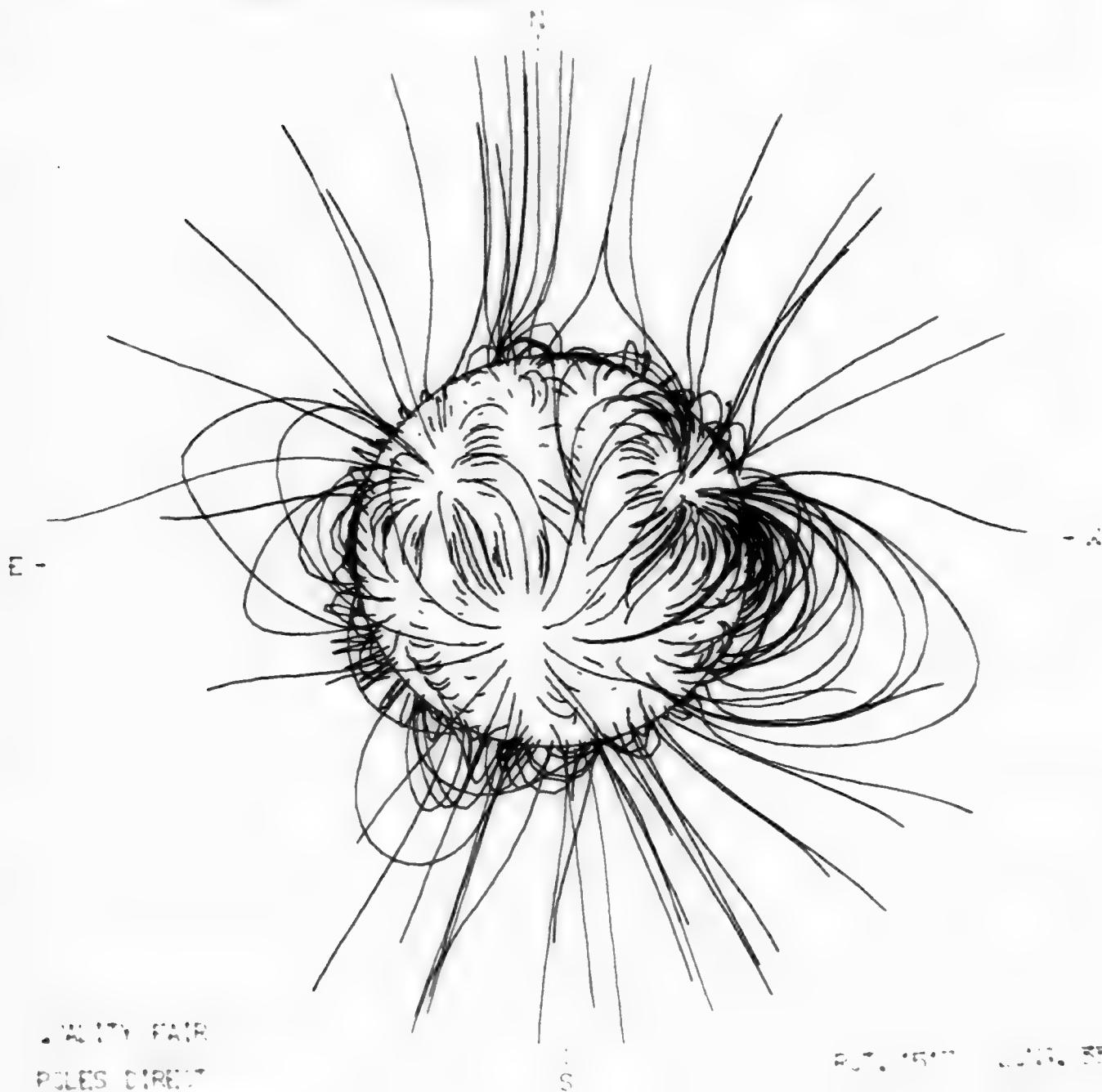


QUALITY FAIR
 RULES DIRECT
 DATA AND/OR 15/16.57

S

RET. 15/17 10/10. 500°
 15/18 10/10. 500°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



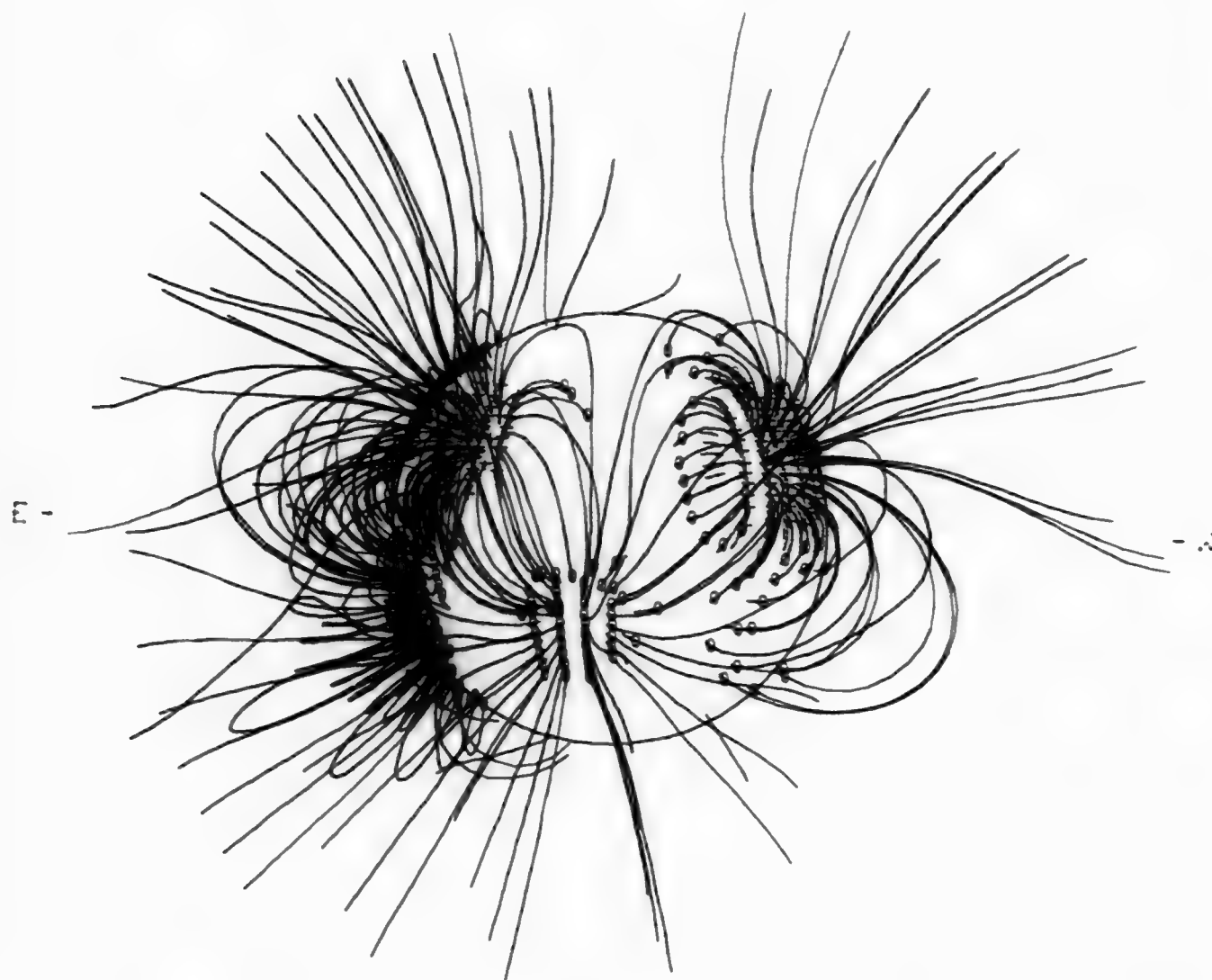
QUALITY FAIR

POLES DIRECT

DATA WIDE ON 1974.07

20.5 15.7 10.5 5.1
28.5 12.1 1.5

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

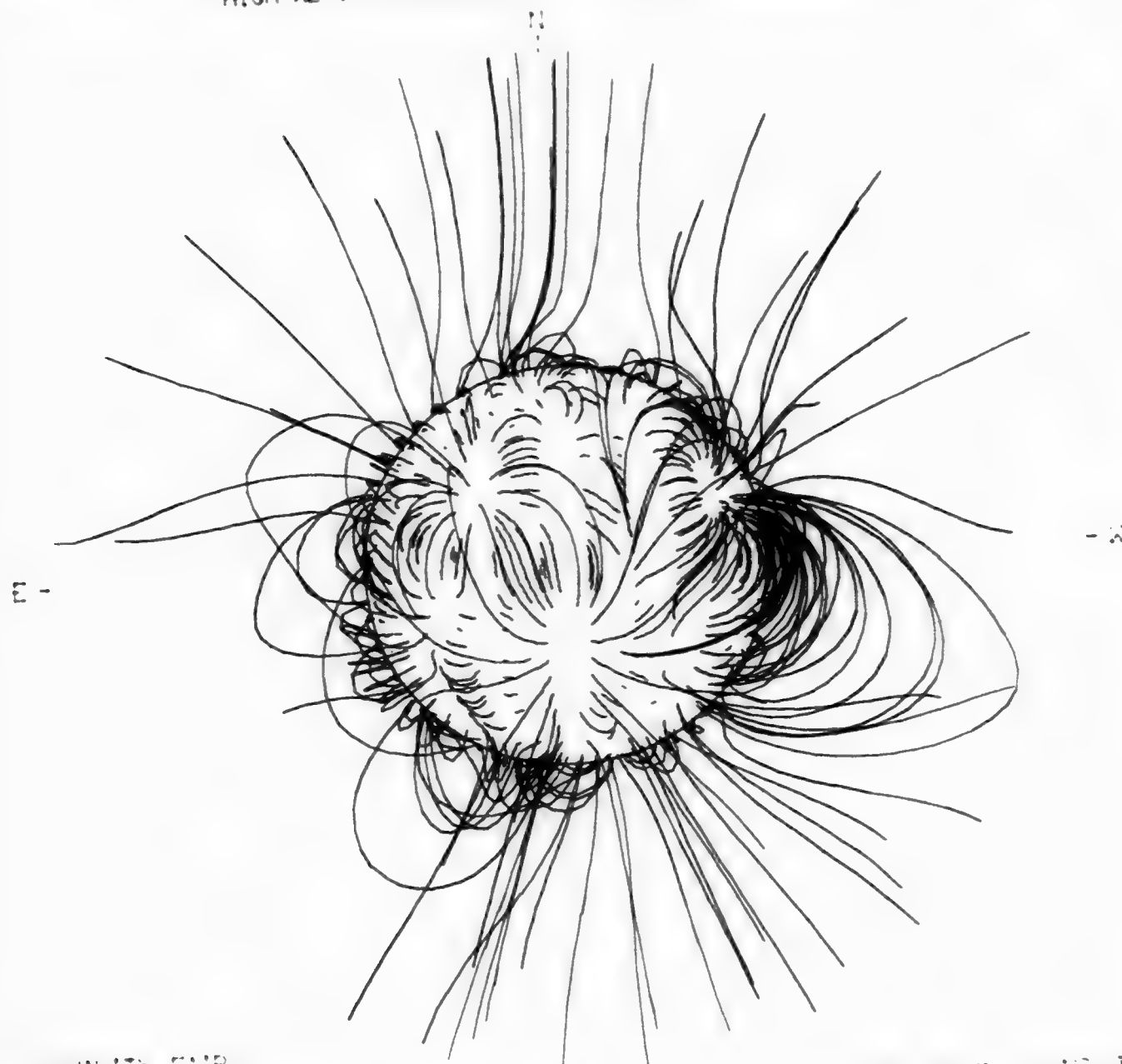


QUALITY FAIR
POLES DIRECT
DATA WINDOW 1516.47

S

ROT. 1517 1.010. 33.0°
28.5 0.01 1.017

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

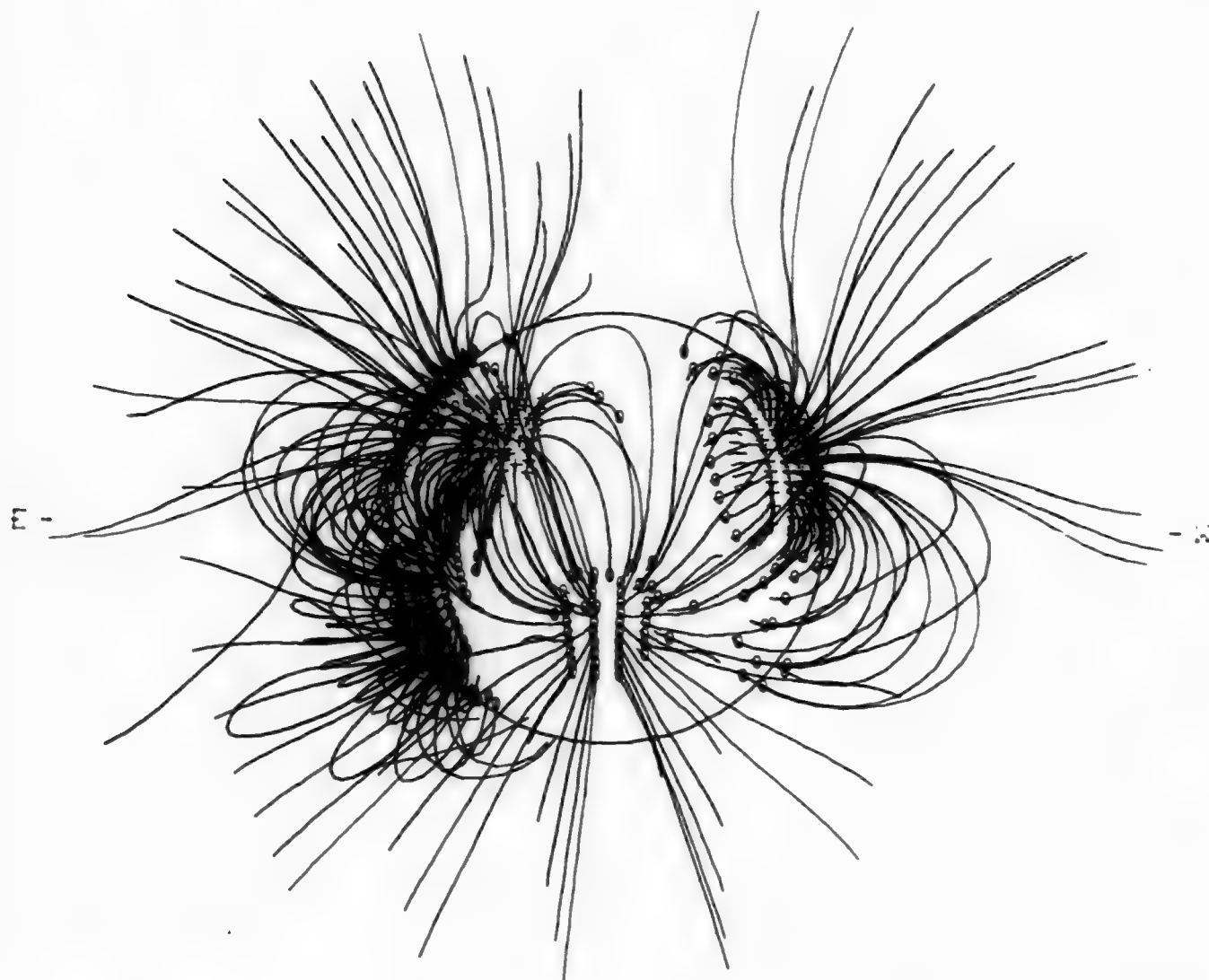


QUALITY FAIR
 FILES DIRECT
 DATA NUMBER 1516.47

S

ROT. 15.7 213.3.1
 24.5 121 1.07

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

DATA WINDOW 1516.47

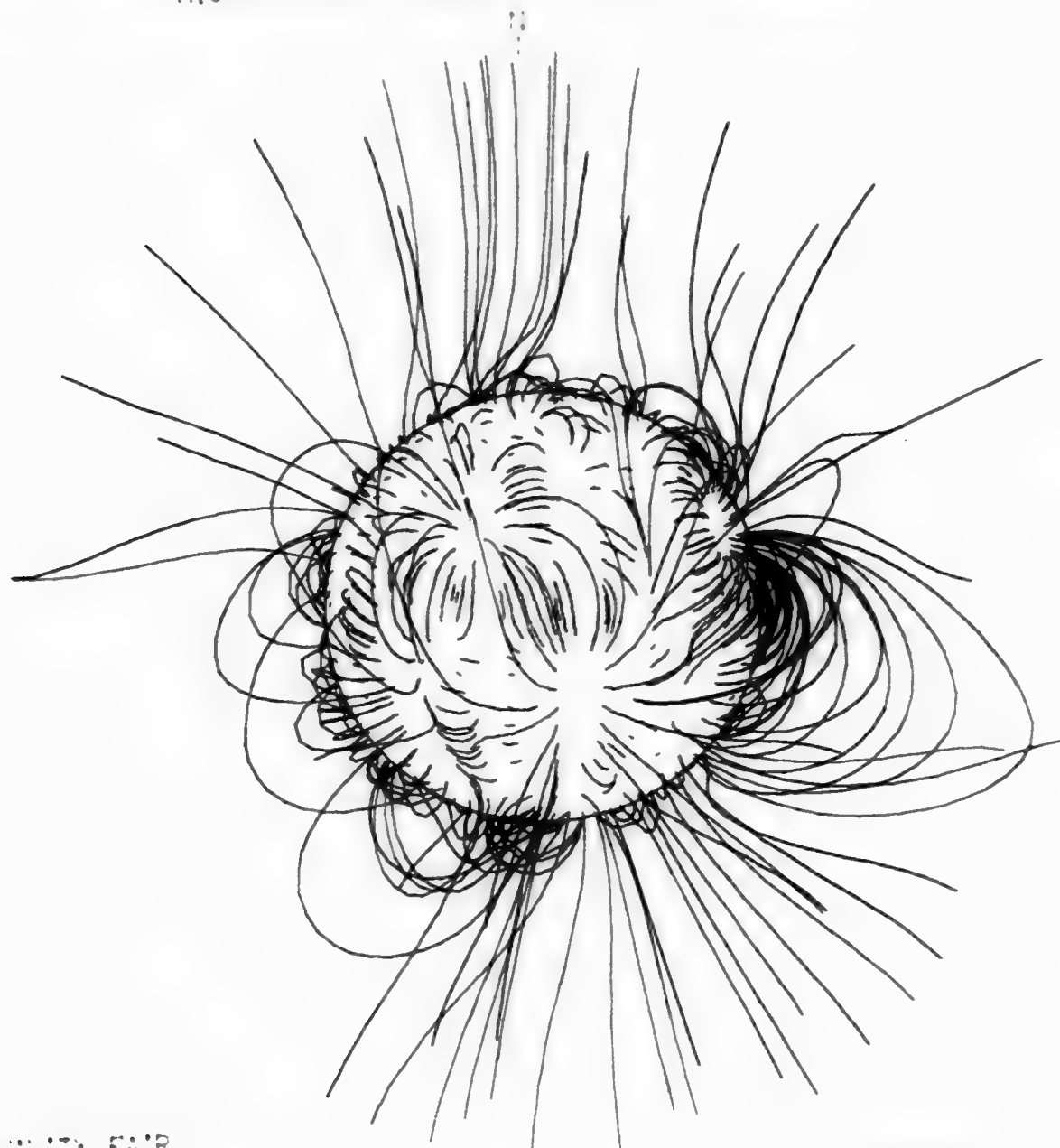
S

RCT. 1517 1110.500

29.3 JAN 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

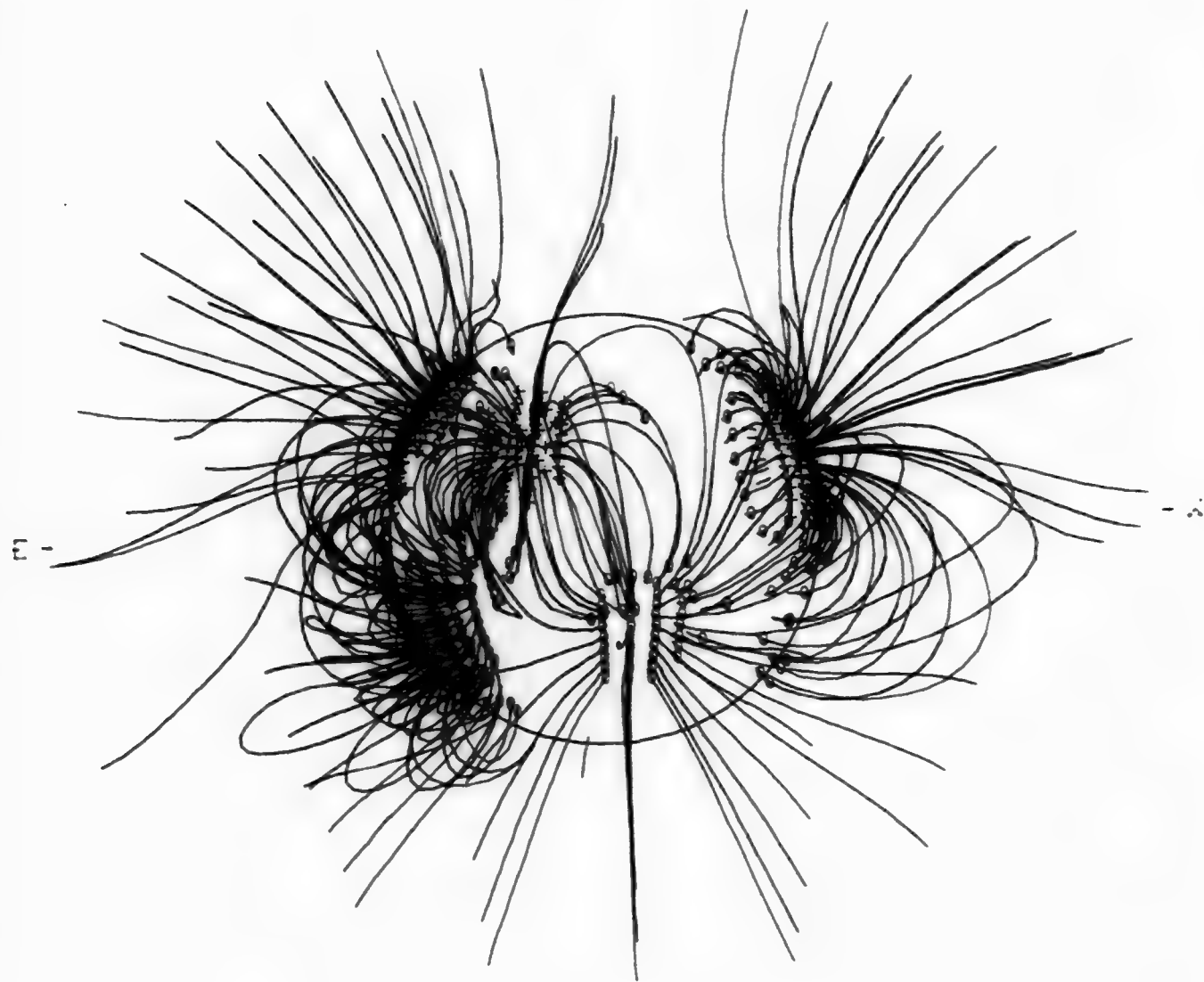


S

QUALITY FAIR
POLES DIRECT
DATA AND/OR 1516.47

RET. 1517 LONG. 511°
30.0 121 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

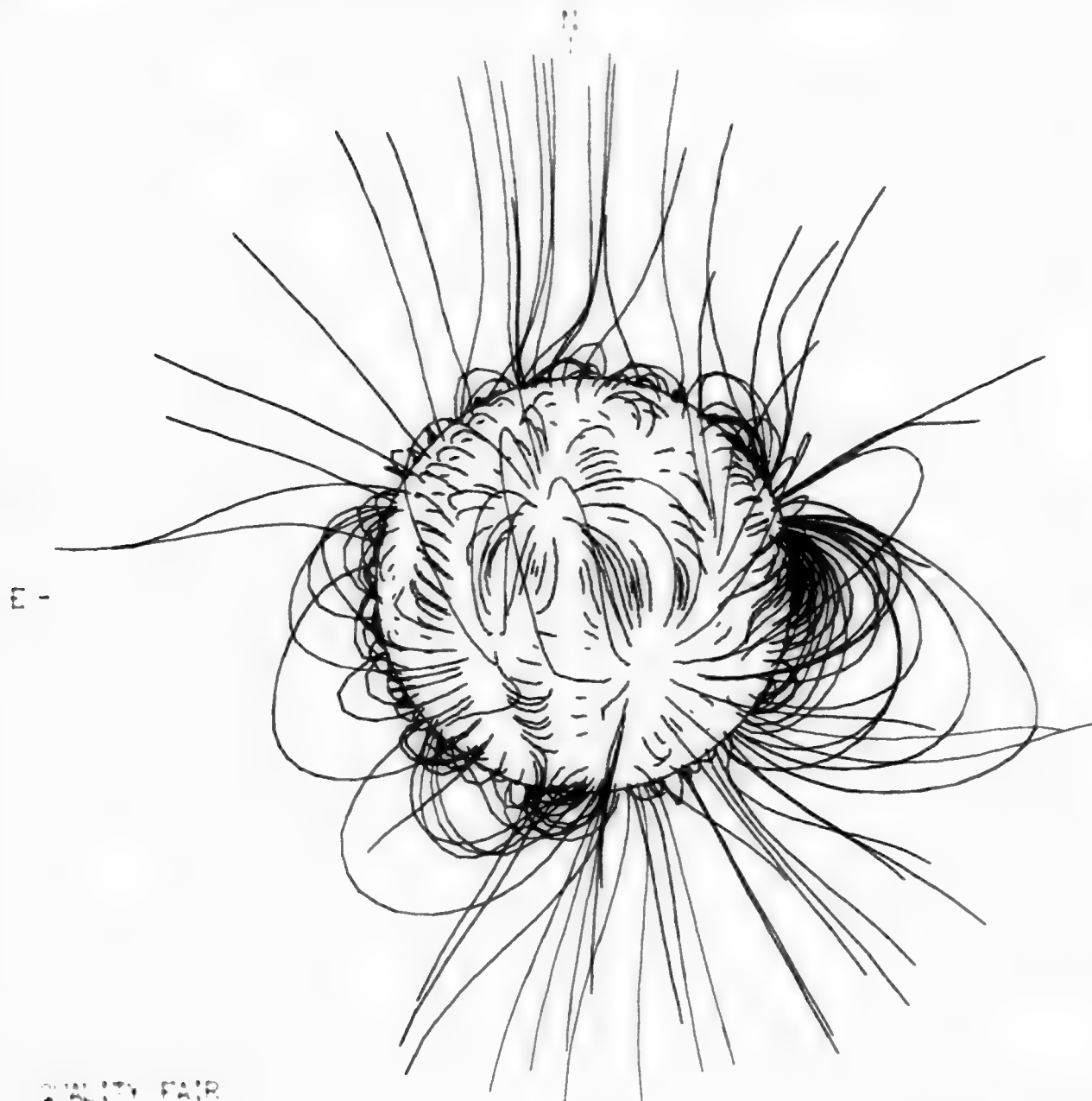
DATA KINOR 1516.47

S

2.7. 15.17 2.10. 3.17

30.0 12.1 1.47

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

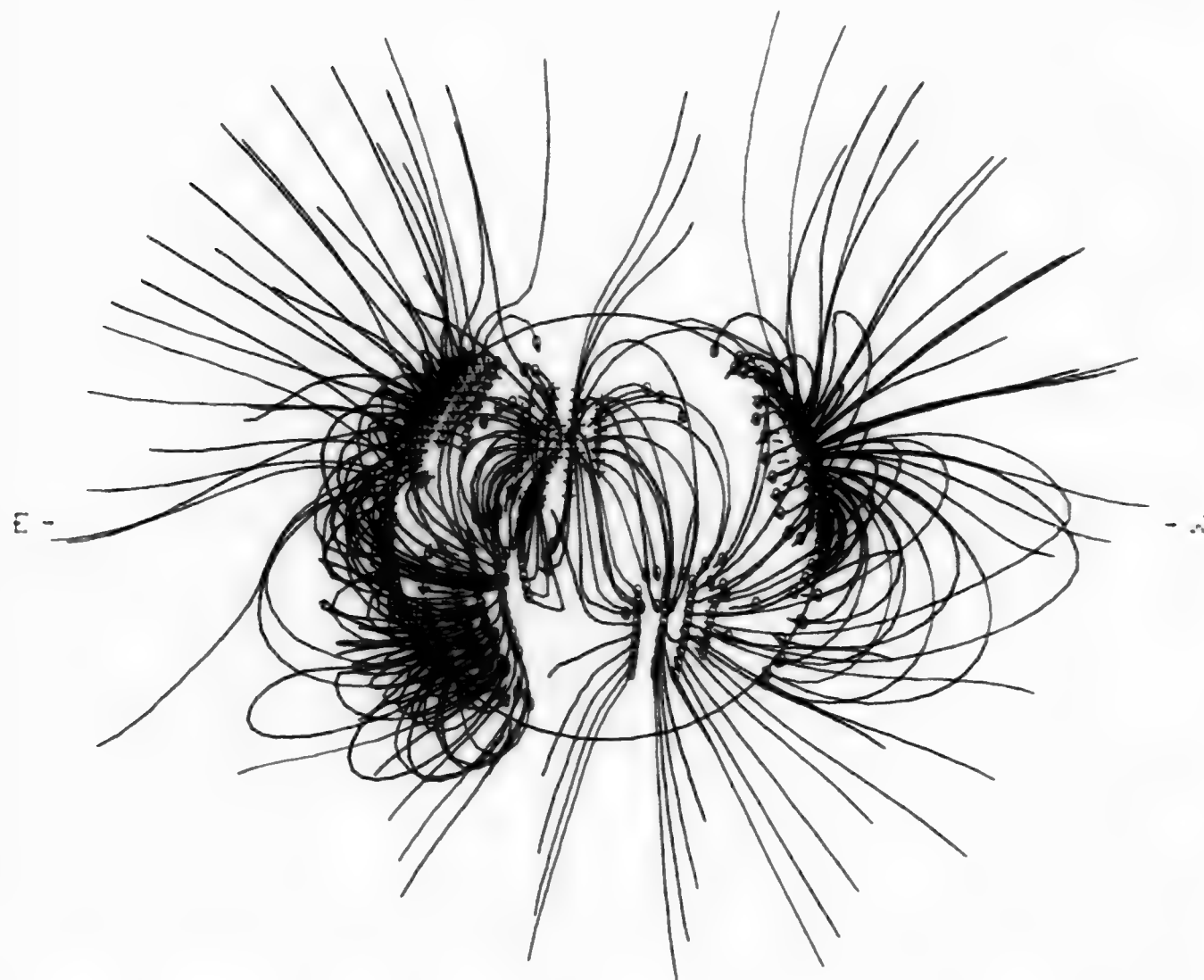
POLES DIRECT

DATA WINDOW 1516.47

8.7. 15.7 11.6. 8.1

30.8 12.1 1.57

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

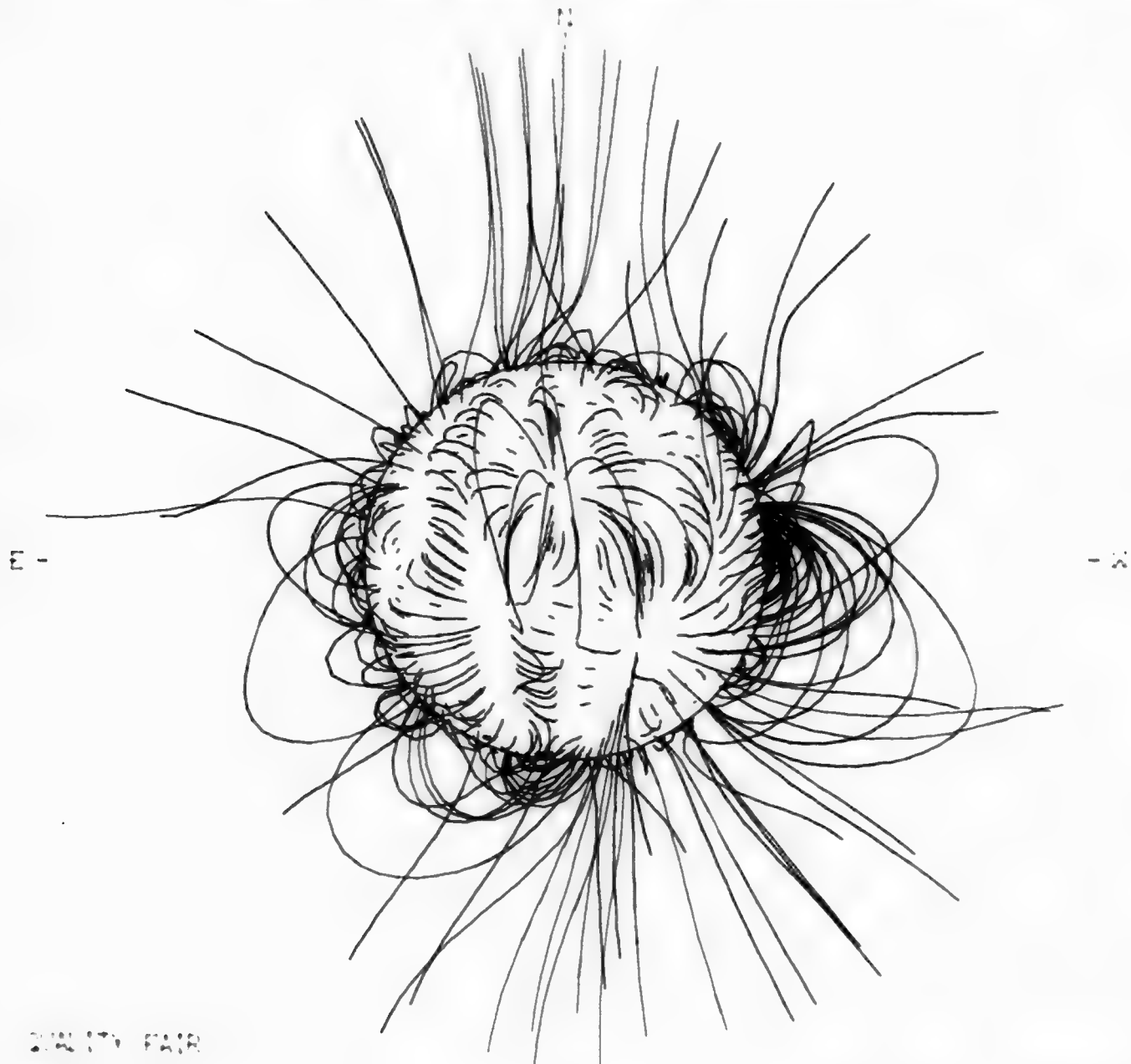
DATA WINDOW 1510.0"

1
S

8.7. 15.7 200. 300

30.8 100 100

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

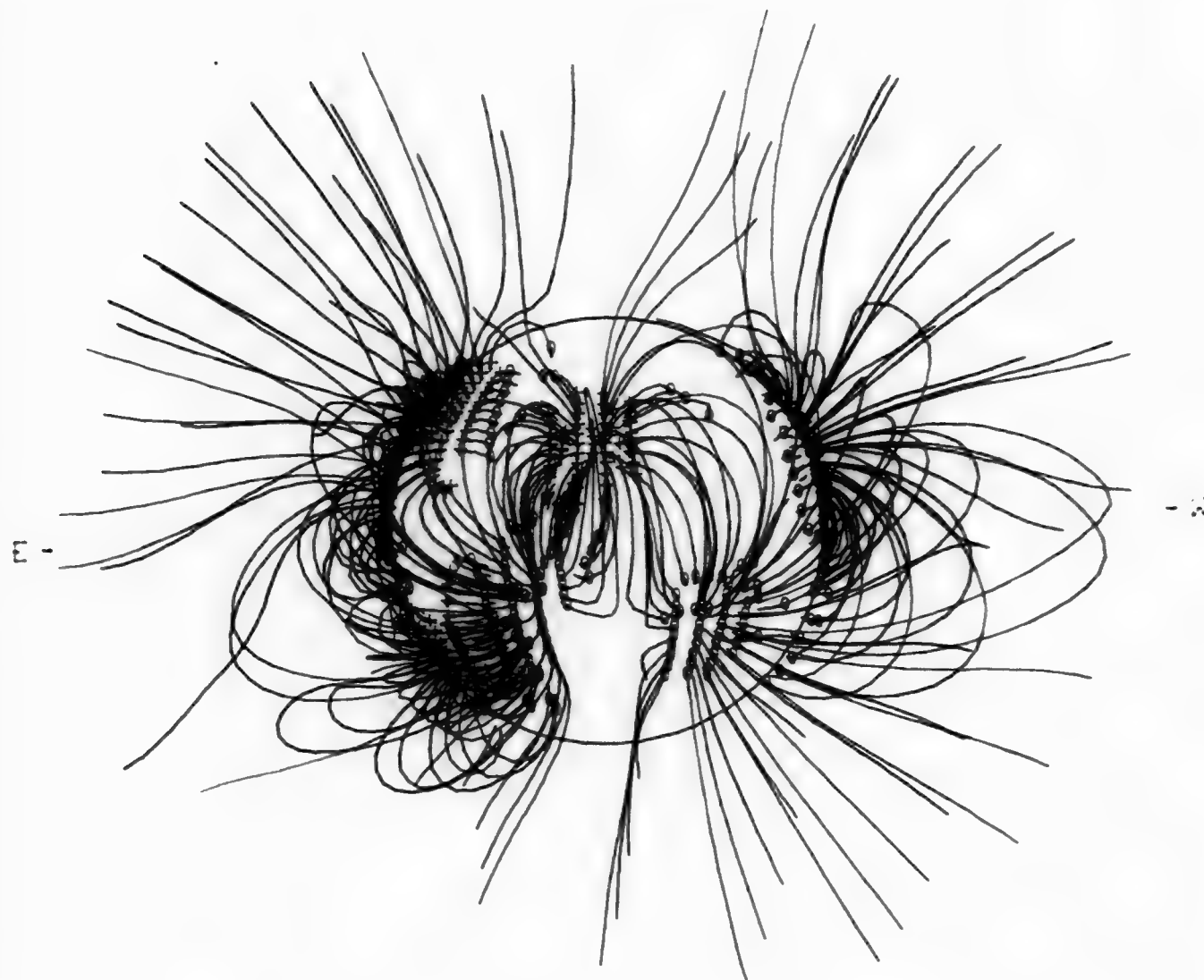
POLES DIRECT

DATA APRIL 1967

RET. 15.17 10.16.24

3.5 JAN 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

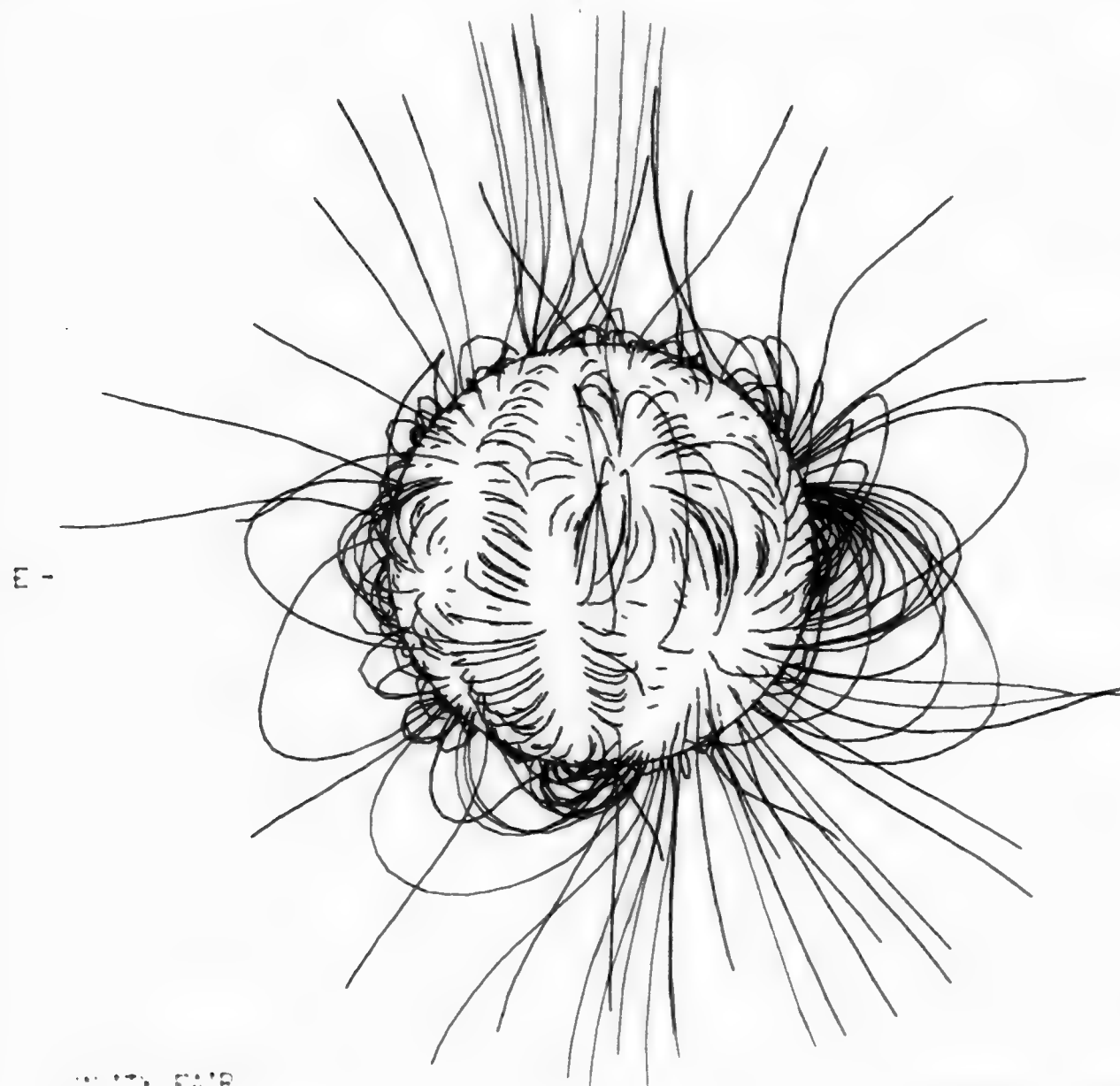
DATA AREA 1516.47

S

8.7.15.7 21.6.24.7

31.5 JAN 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



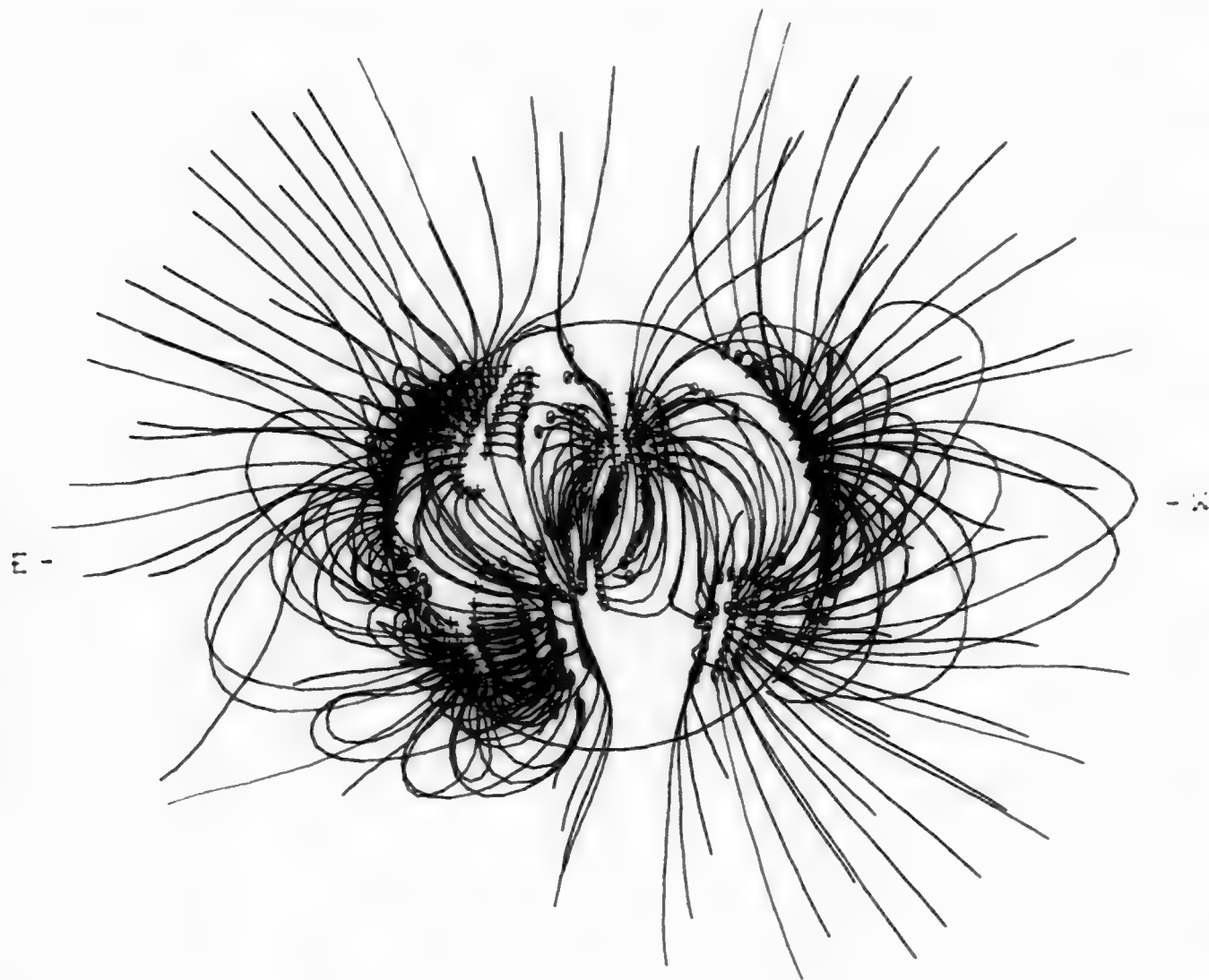
E -

QUALITY FAIR
POLES DIRECT
DATA WINDOW 1516.47

S

R.T. 1517 LONG. 281°
1.3 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 PILES DIRECT
 DATA AREA 1510.47

S

ROT. 15.17 1113.281°
 1.3 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

- S

QUALITY FAIR

FILES DIRECT

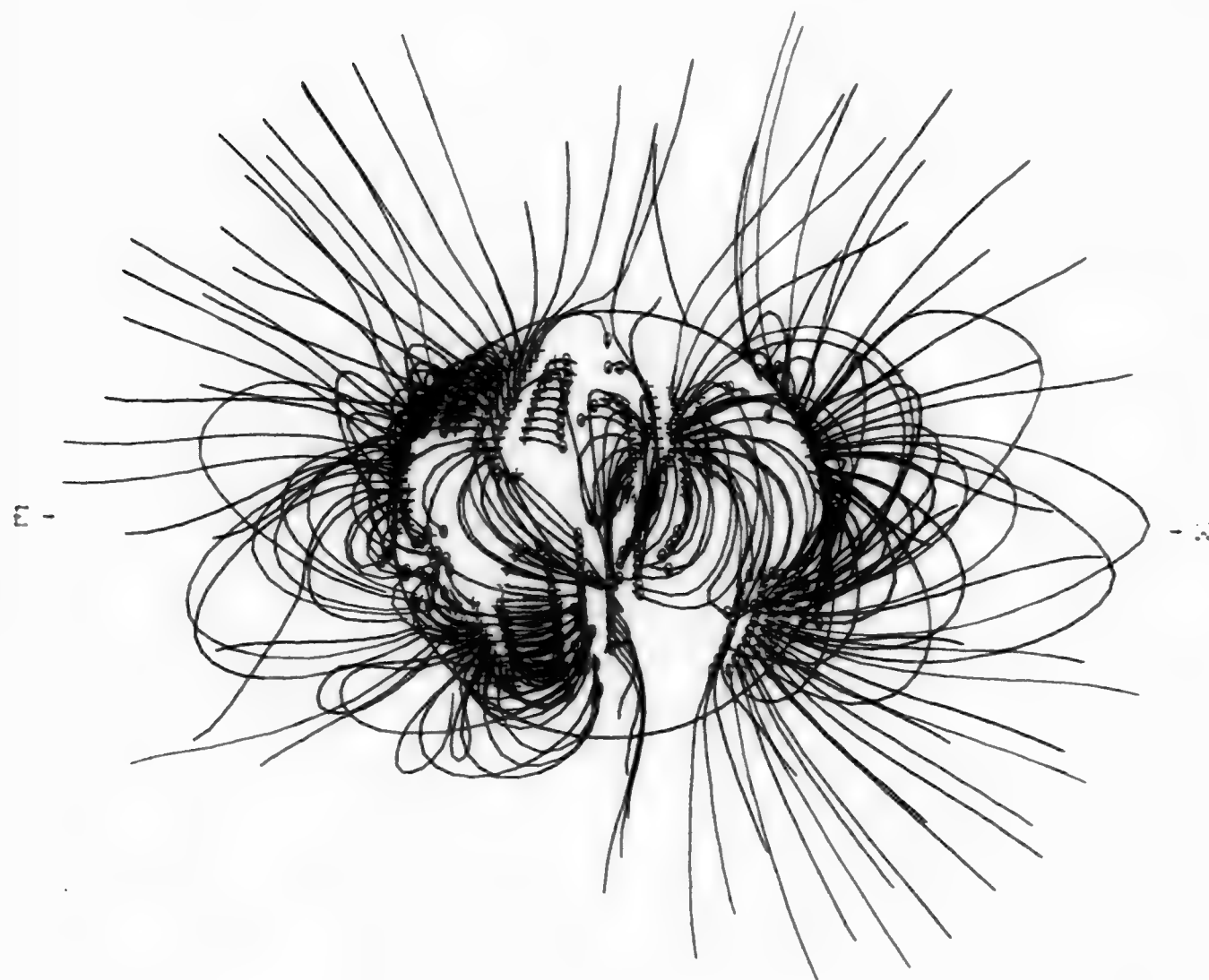
DATA NUMBER 1516.47

S

207.15" 2213.27"

21 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDON 1514.57

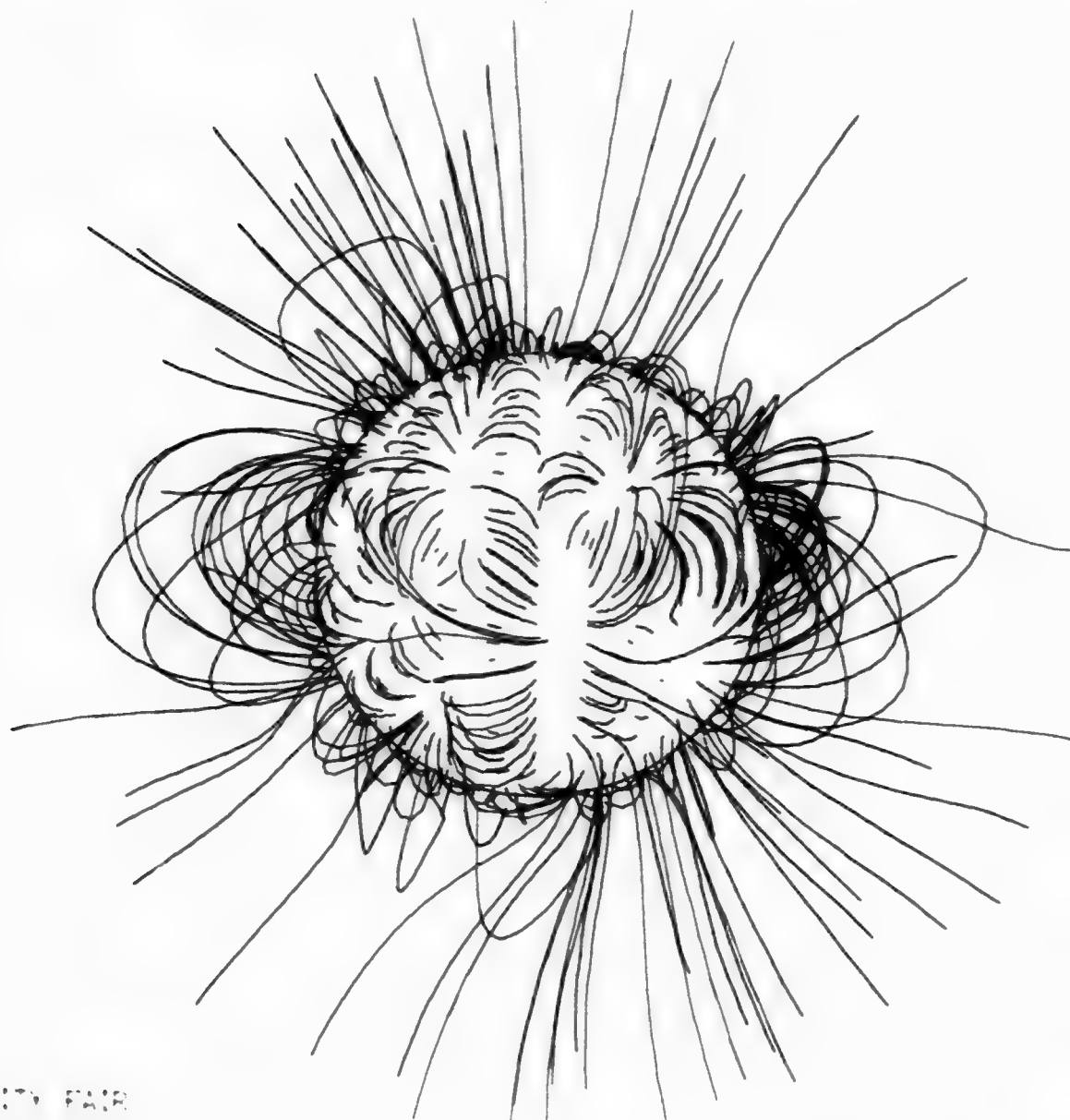
S

ROT. 1517 210. 274

21 FEB 1977

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

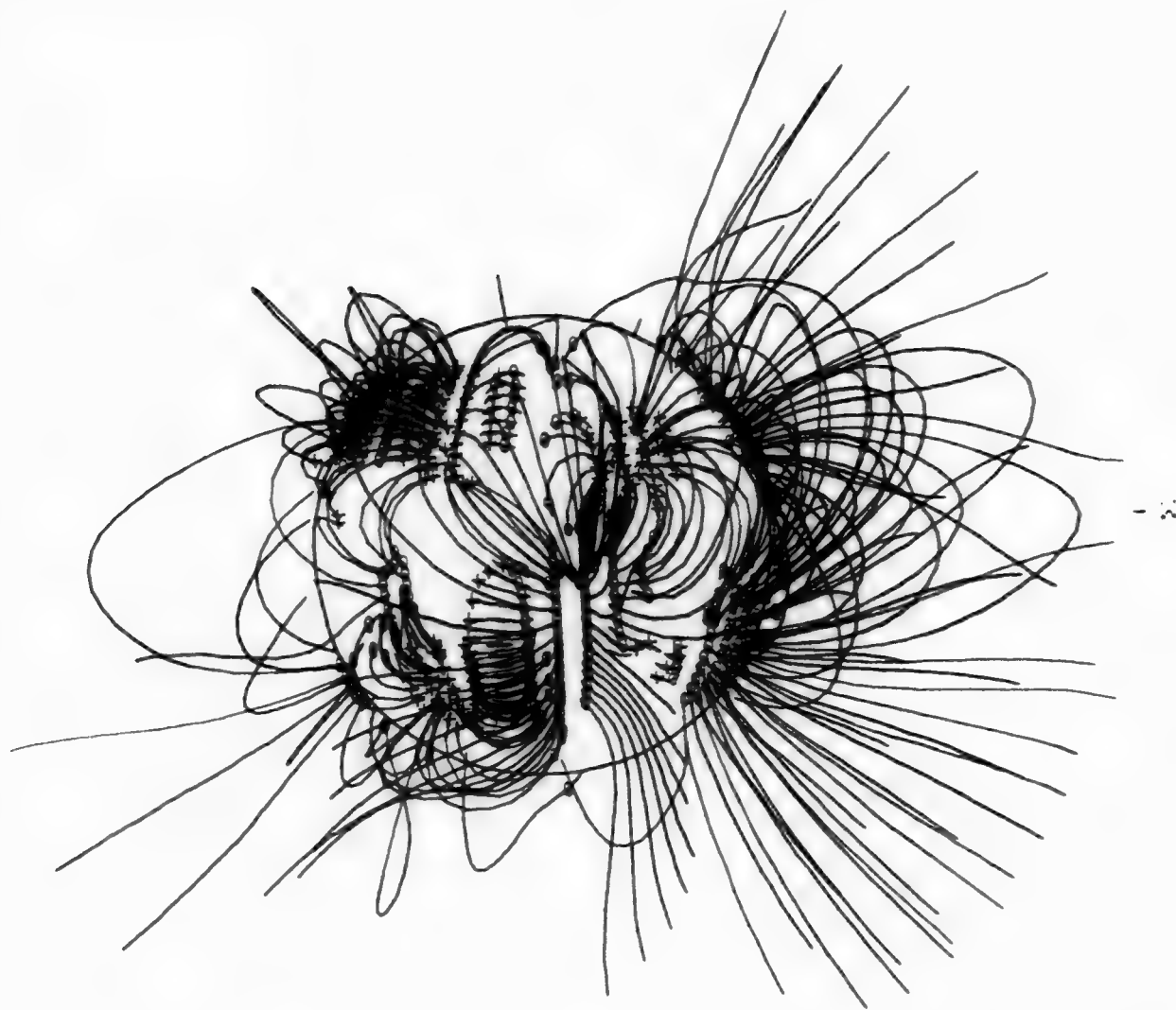
E -



QUALITY FAIR
 PAGES DIRECT
 DATA AND LA 1577.00

PLT. 1577 1577.00
 21 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

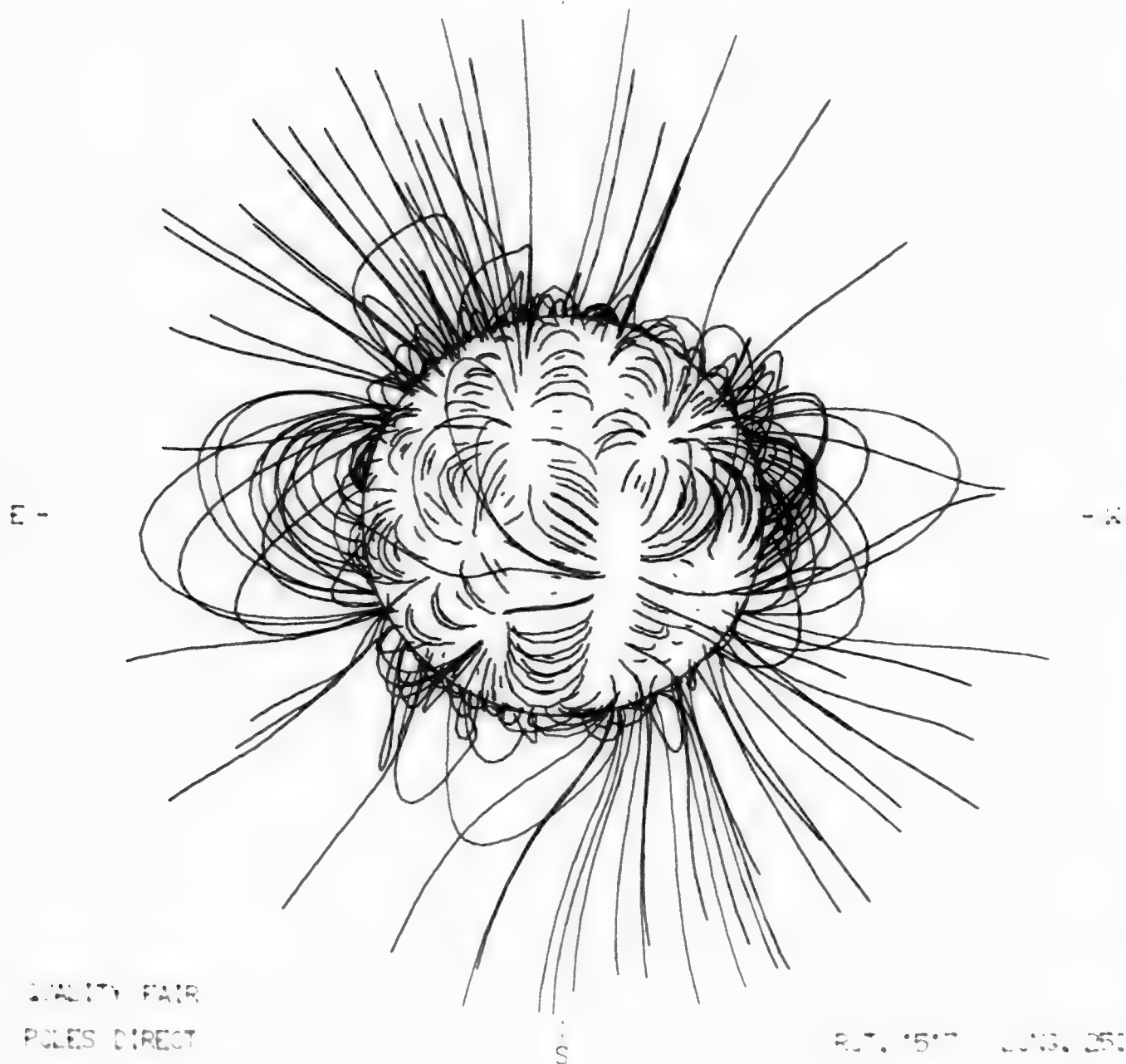


QUALITY FAIR
 POLES DIRECT
 DATA AREA 1517.00

S

207.1517 200.261
 2.4 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

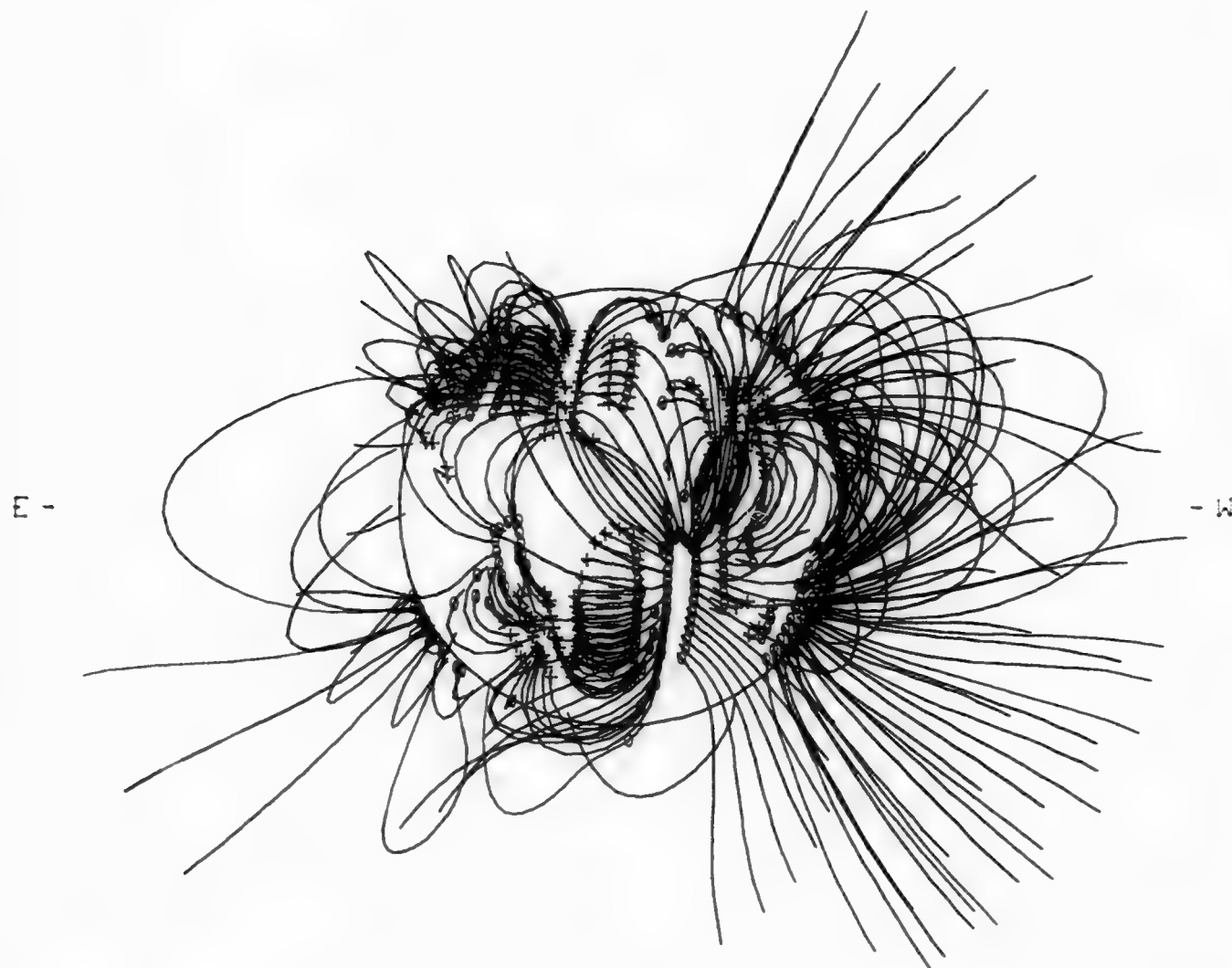
DATA WINDOW 1517.00

R.T. 15.7 LONG. 251°

3.6 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
|
I



QUALITY FAIR

POLES DIRECT

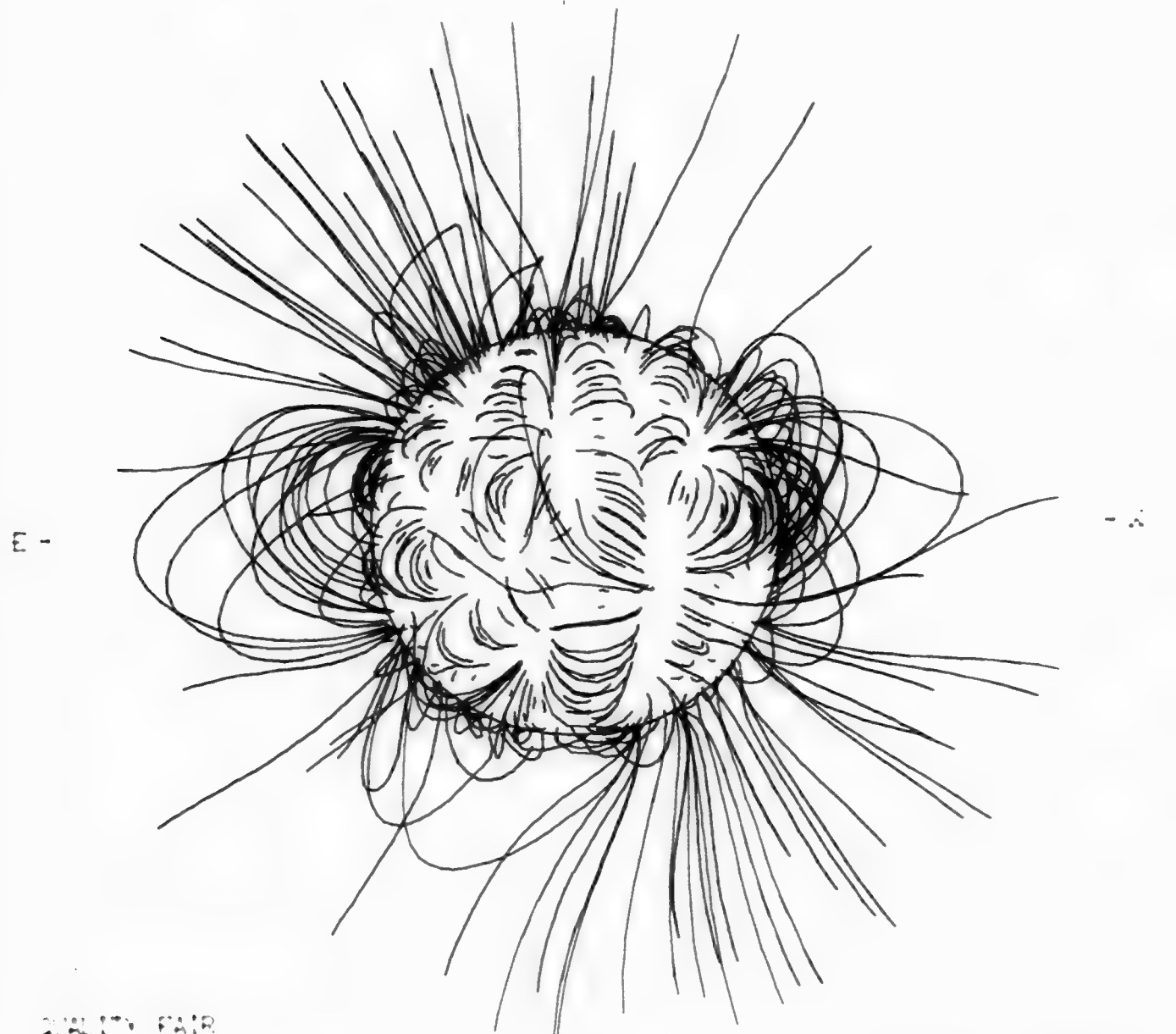
DATA WINDOW 1517.00

I
S

ROT. 1517 LONG. 251°

3.6 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1517.00

S

ROT. 1517 2010. 241°

4.4 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
↓

E -



QUALITY FAIR
RULES DIRECT
DATA ANNUAL 1517.00

↓
S

R.T. 1517 1517.00
4.4 FEB 1977

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

QUALITY FAIR

POLES DIRECT

LATA ANDON 1517.00

S

30. 5. 1967
5. FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

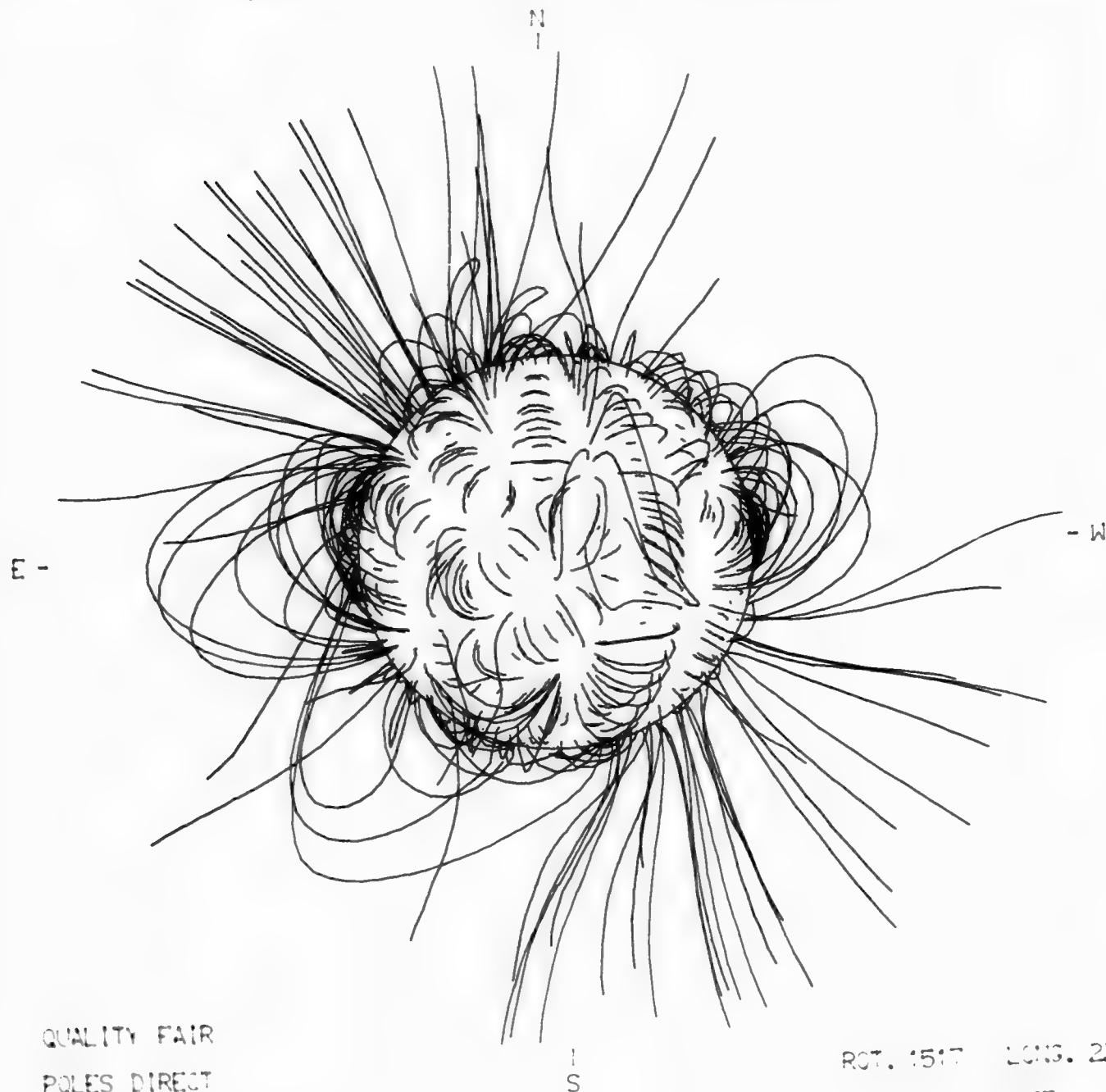


QUALITY PAIR
FLEEN DIRECT
DATA AND CA 'RITING

S

207.157 208.157
5.1 FEB 1967

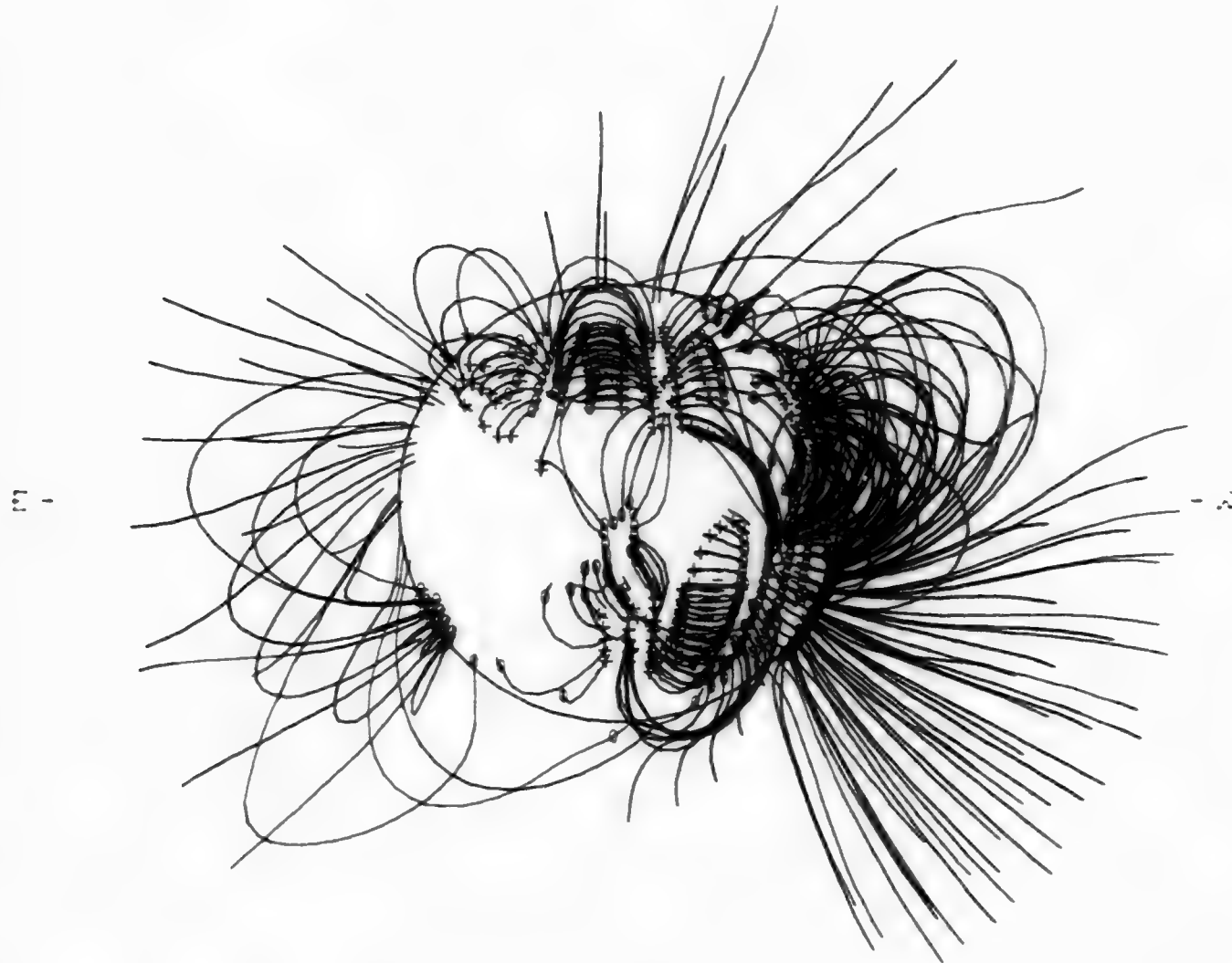
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1517.00

ROT. 1517 LONG. 220°
5.9 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

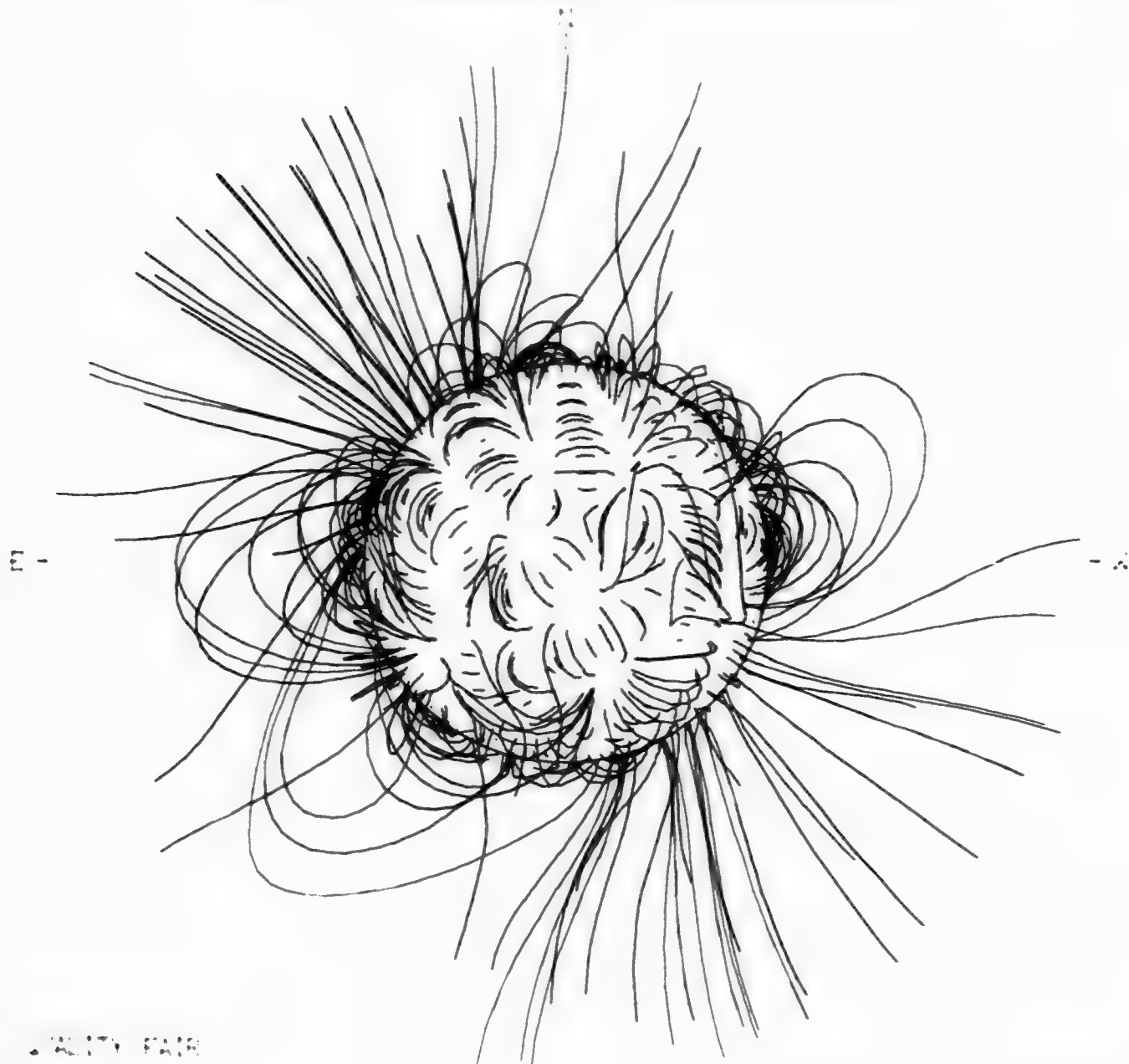
PRICE DIRECT

CATA NUMBER 1517.00

5.7. 1517 1517.00

5.7 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

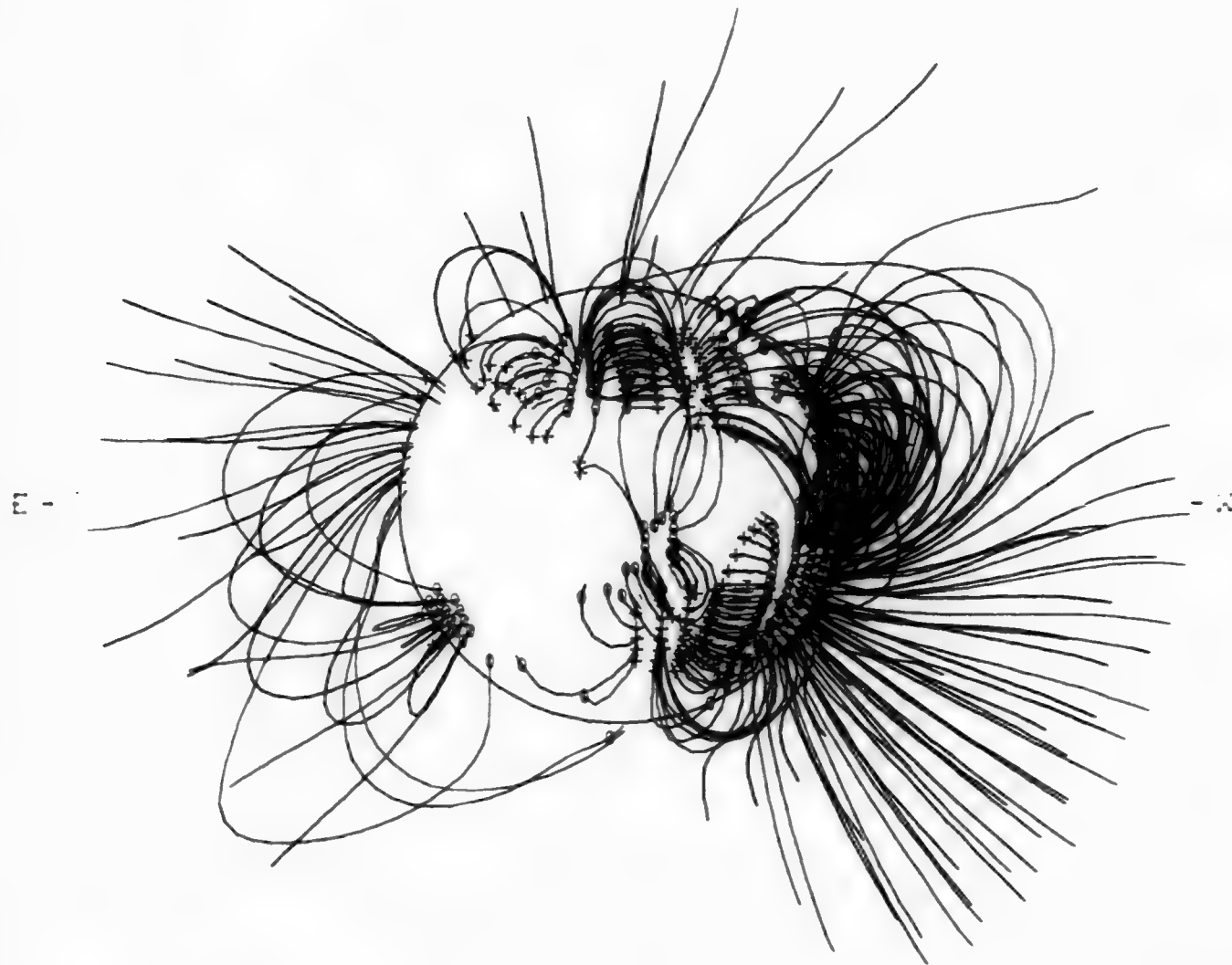
DATA WINDOW 1517.00

S

ROT. 1517 LONG. 110°

6.6 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

DATA WINDOW 1517.00

S

RUT. 1517 JULY 210°

6.6 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

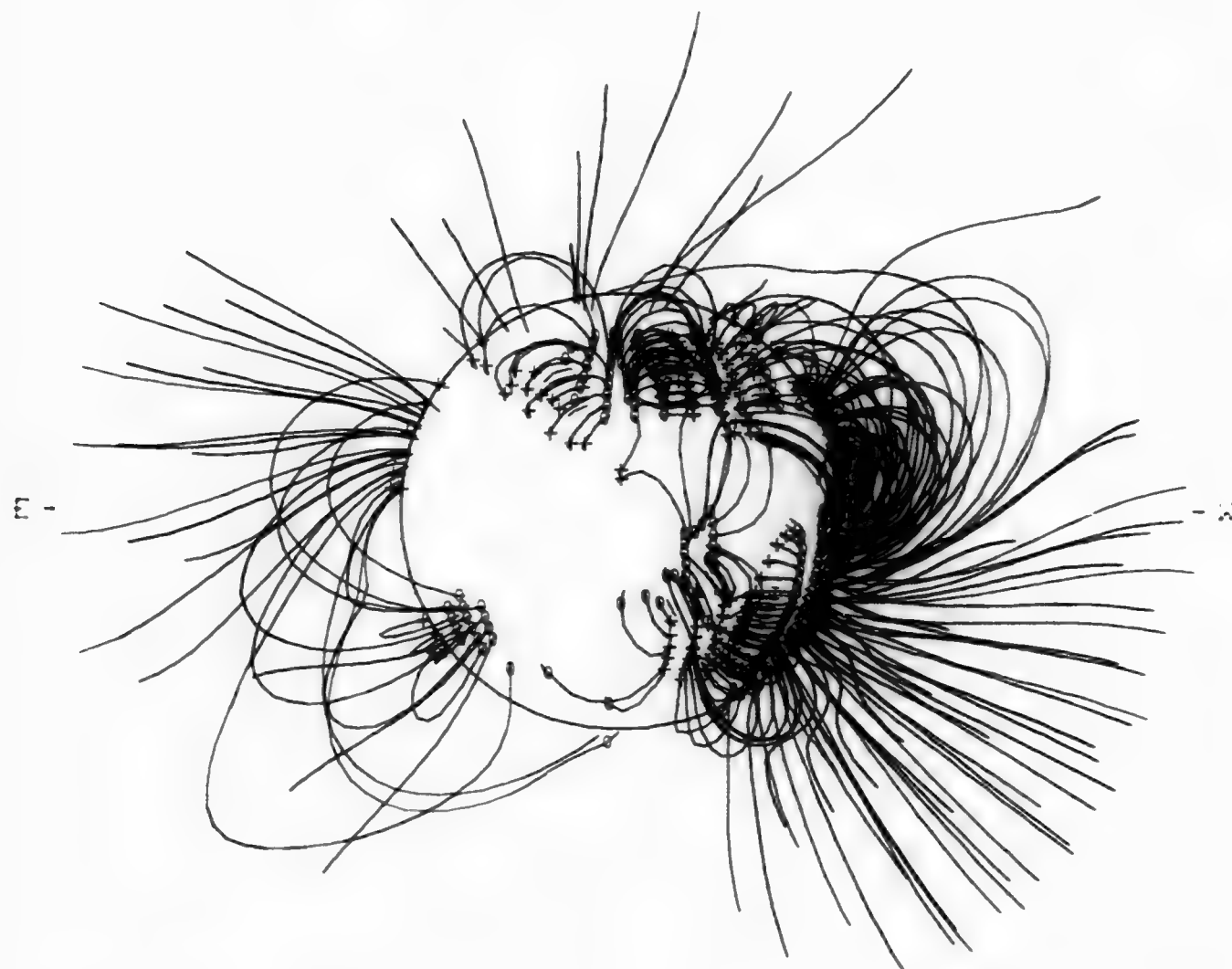


QUALITY FAIR
FILES CURRENT
DATA WINDOW 1987.00

S

R.T. 15.11 1.18.11
7.4 FEB 1987

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY PAIR

FILES DIRECT

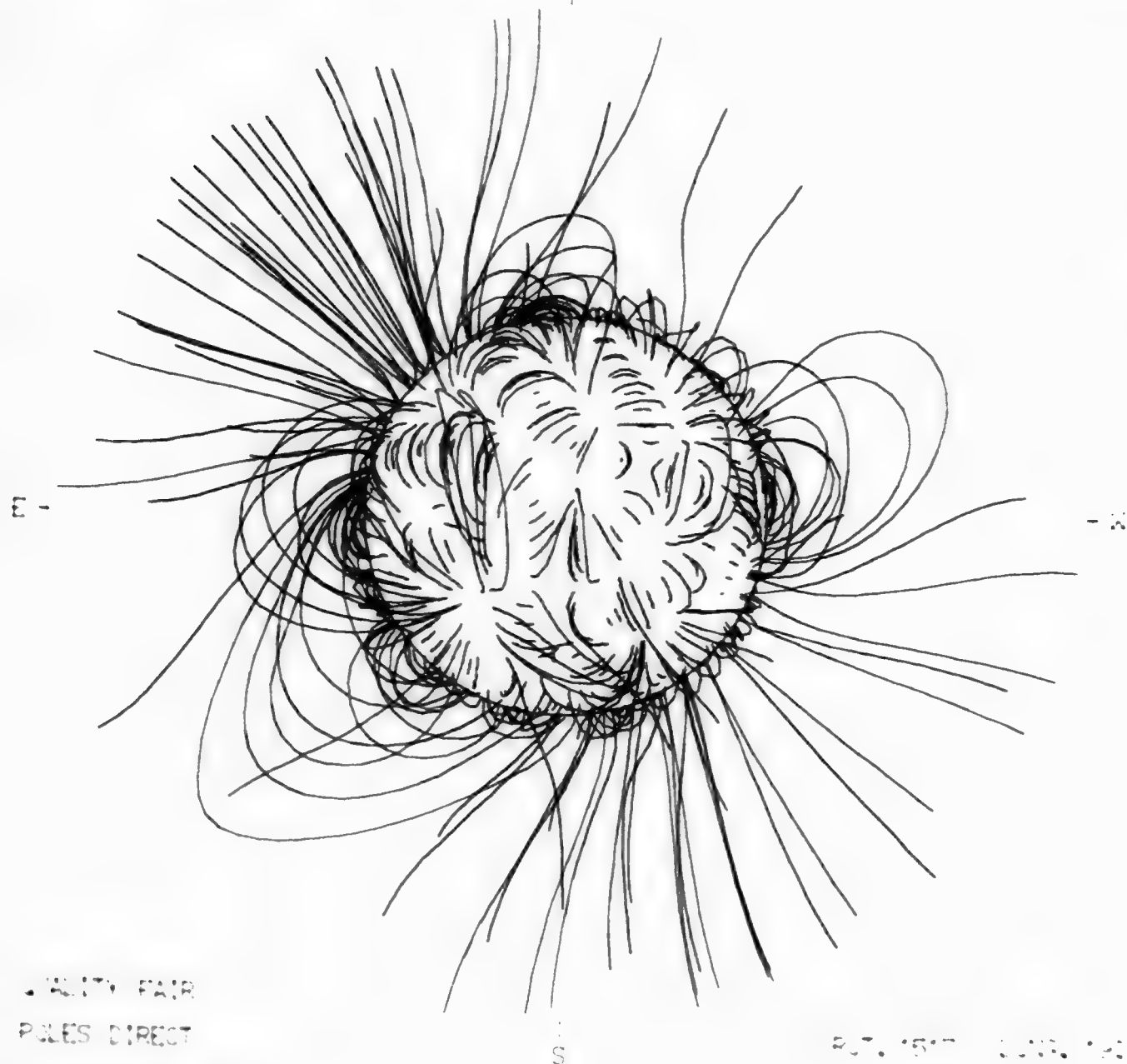
DATA WINDOW 1517.00

1
S

1517.1517 1517.1517

1.4 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

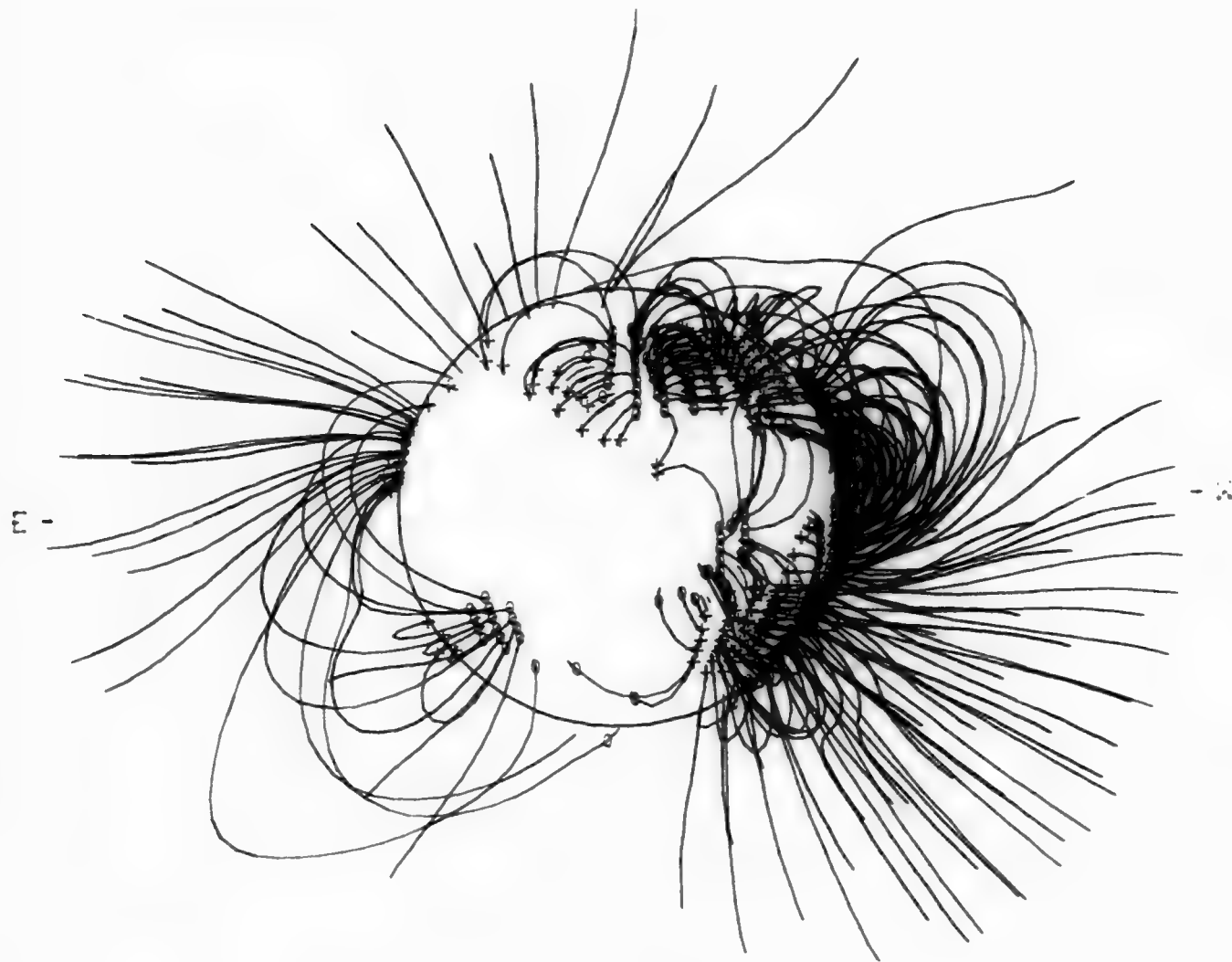
POLES DIRECT

DATA WINDUW 1500.00

207.1517 1000.121°

8.2 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

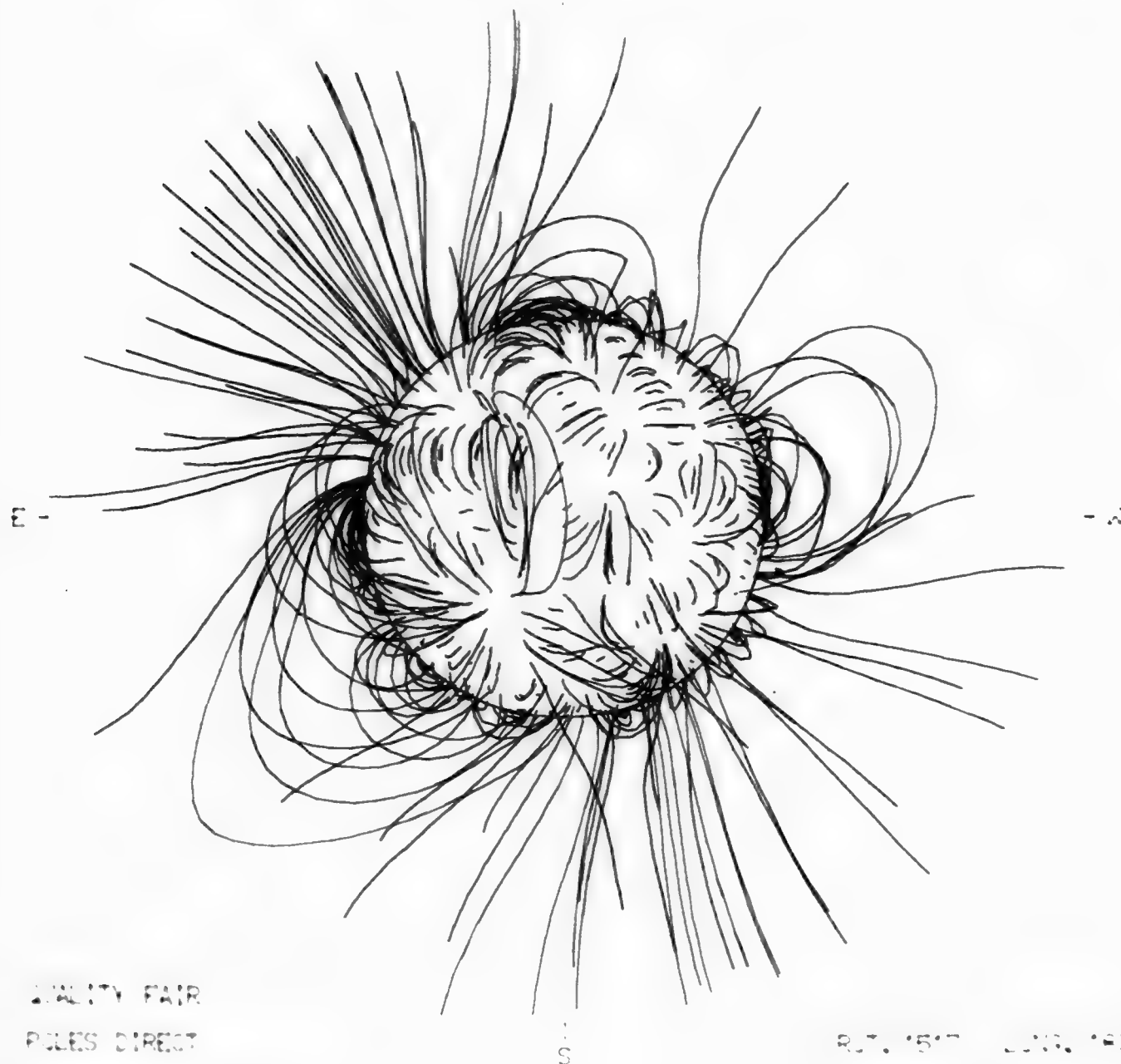


QUALITY FAIR
FILES DIRECT
DATA WINDOW 1500.00

S

RUT. 1511 LUNA. 140°
8.2 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

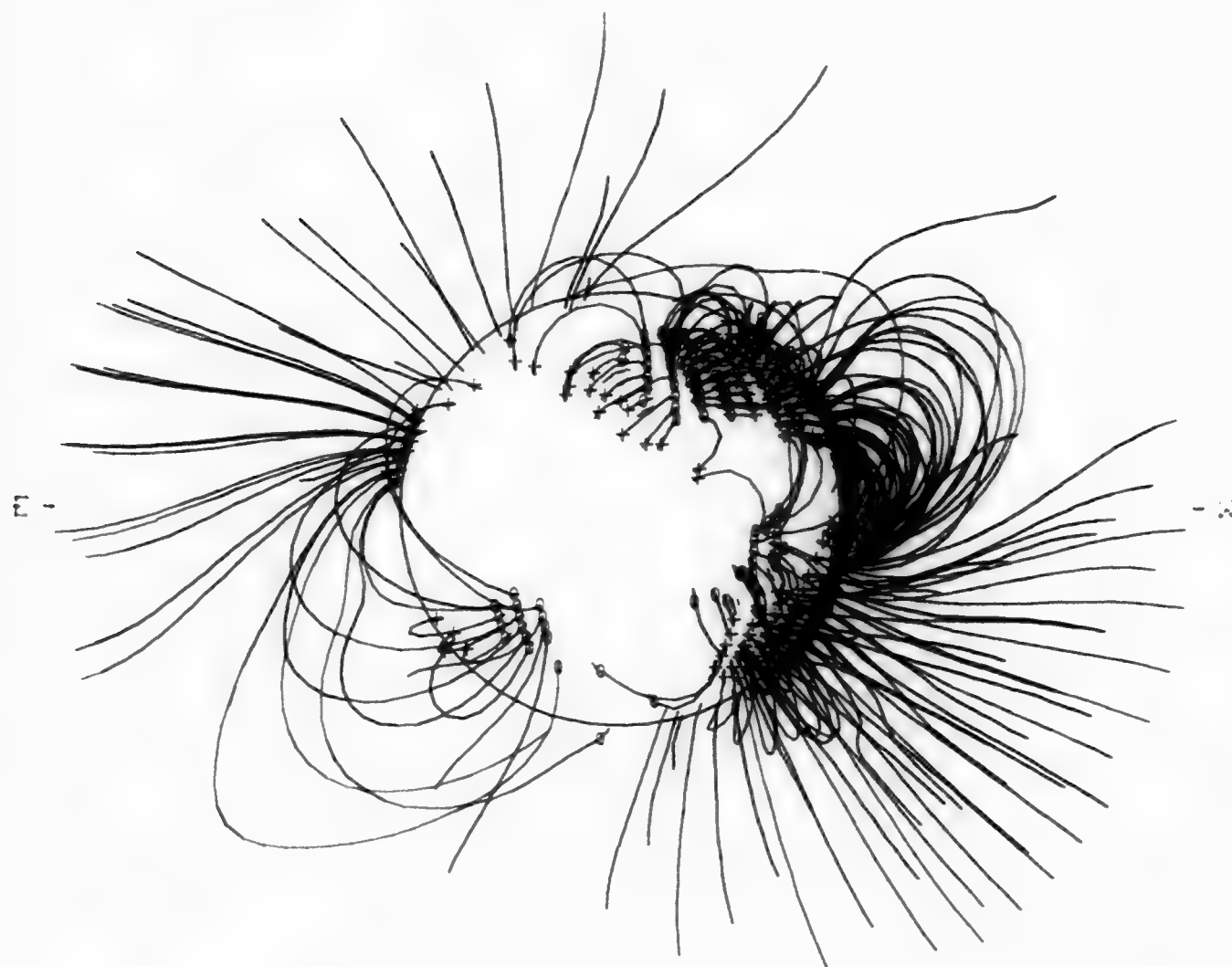
POLES DIRECT

DATA WINDOW 1517.00

R.T. 1517 L.O.R. 191°

8.9 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

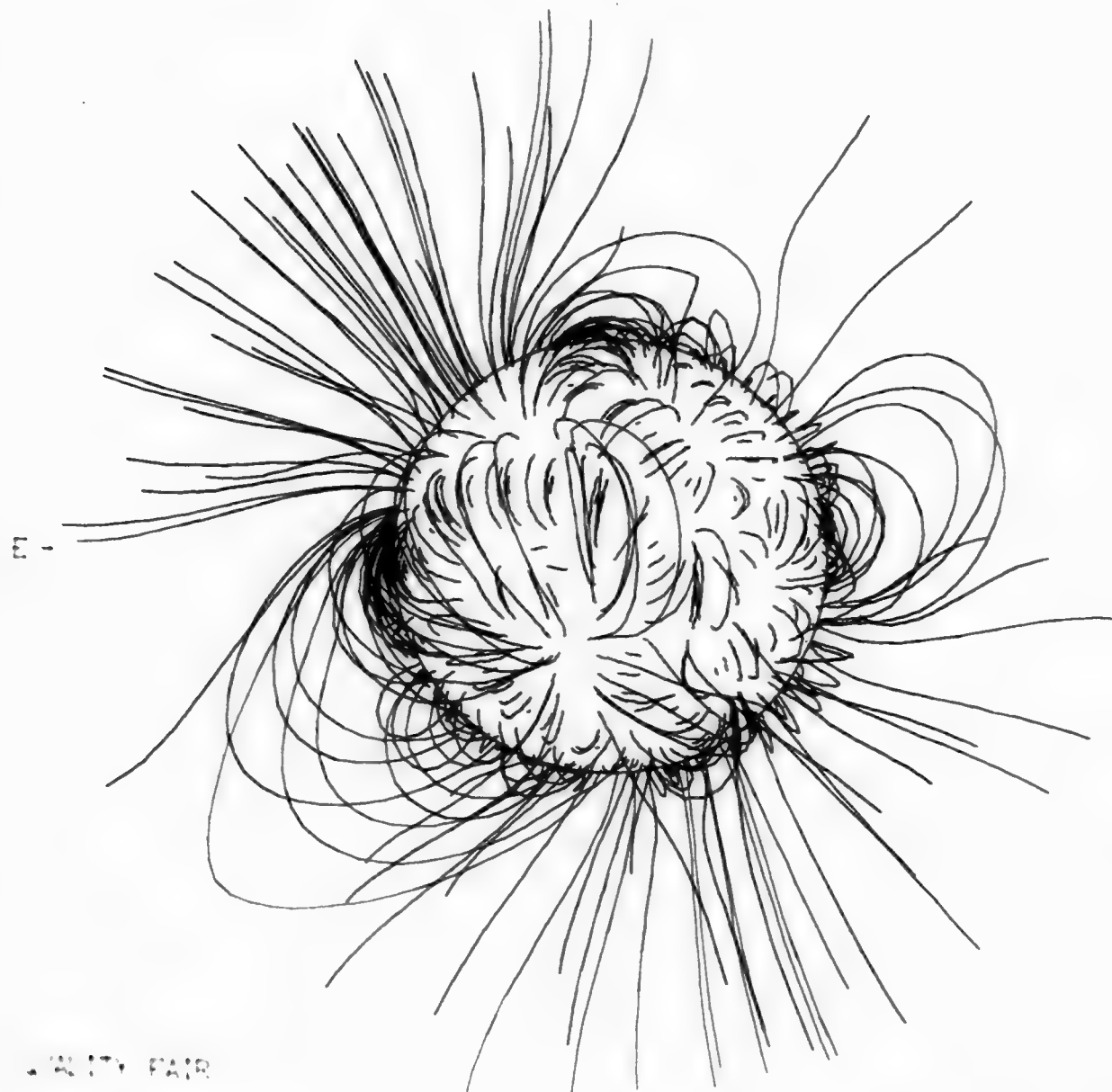
POLES DIRECT

DATA WINDOW 1511.00

8.7. 1511 1511. 1511

8.7 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

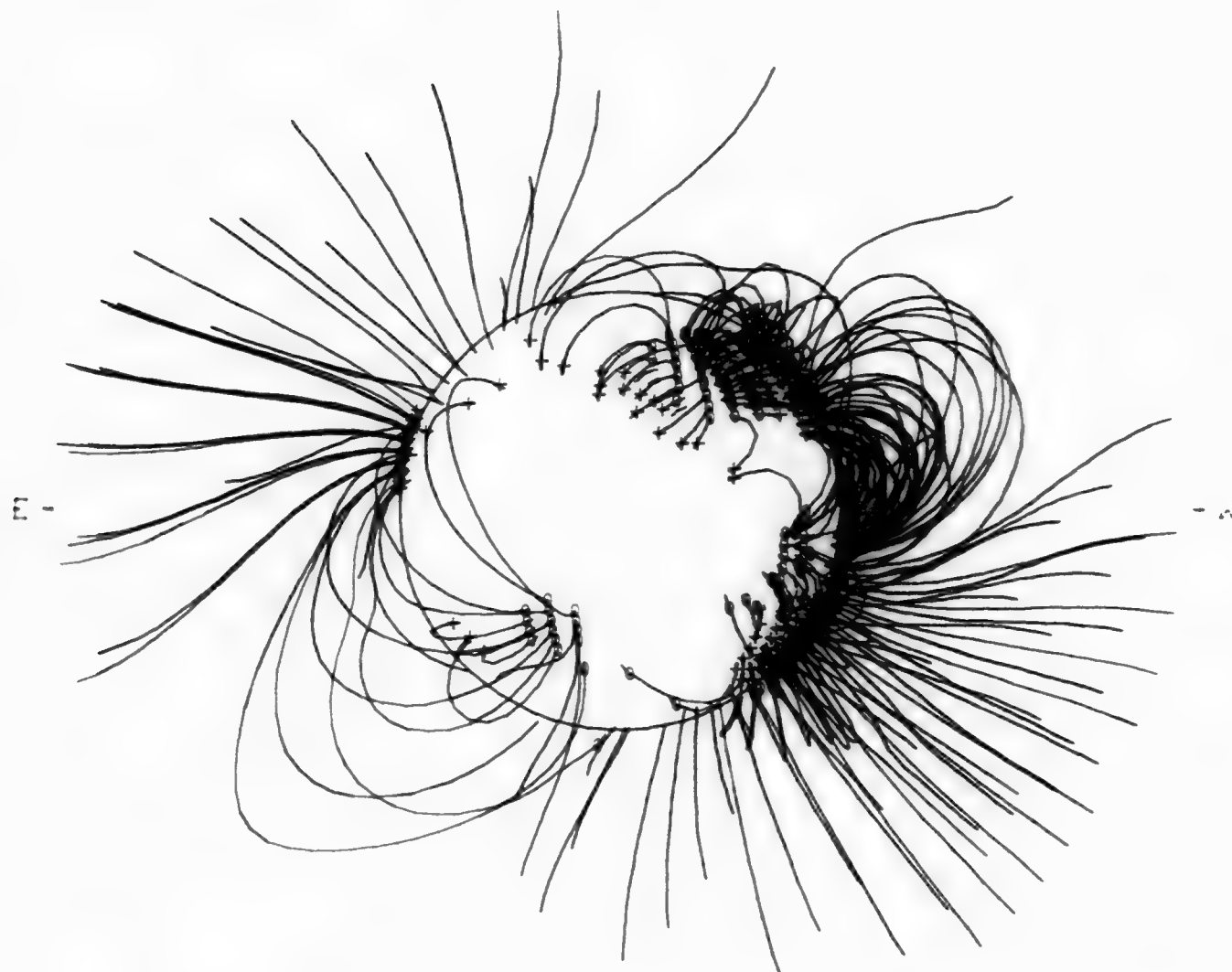
CATA AND/OR 1500.00

S

500.1500 1000.000

1000 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

PLACES DIRECT

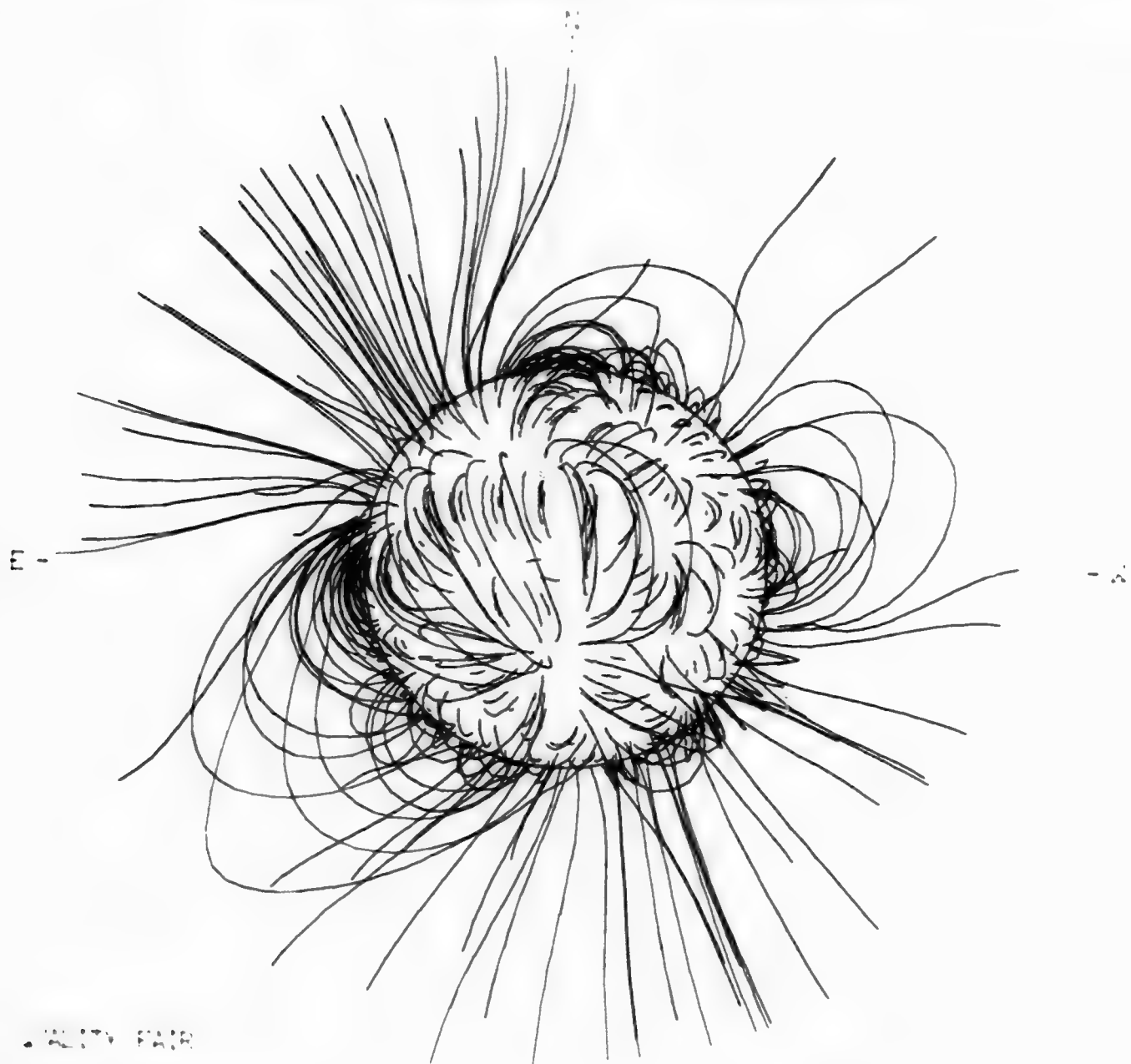
DATA WIRE IN 157.00

S

207.157 2010.170

2.7 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

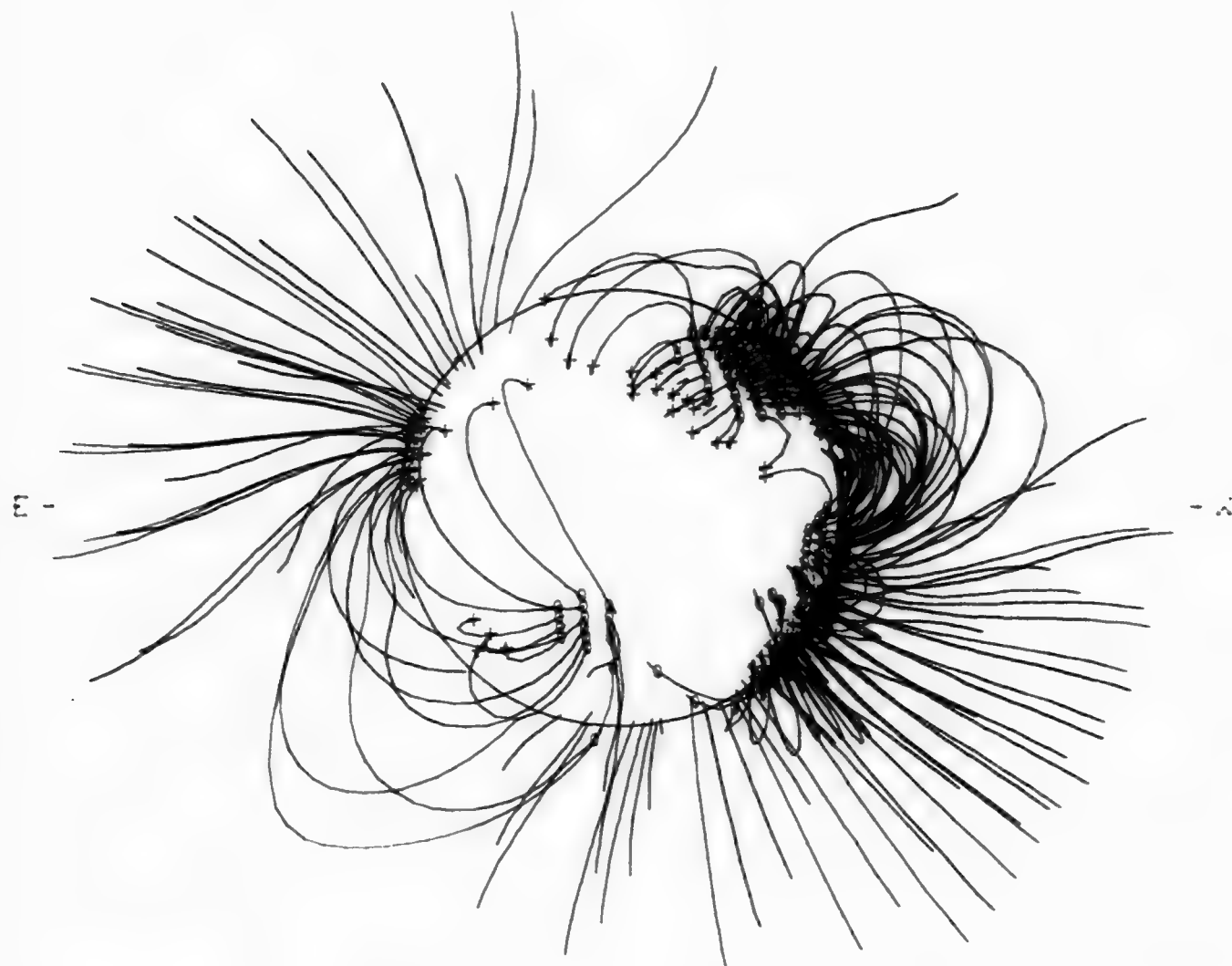
DATA AND/OR 1500.00

S

ROT. 1517 2113.100

10.4 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FIELD DIRECT

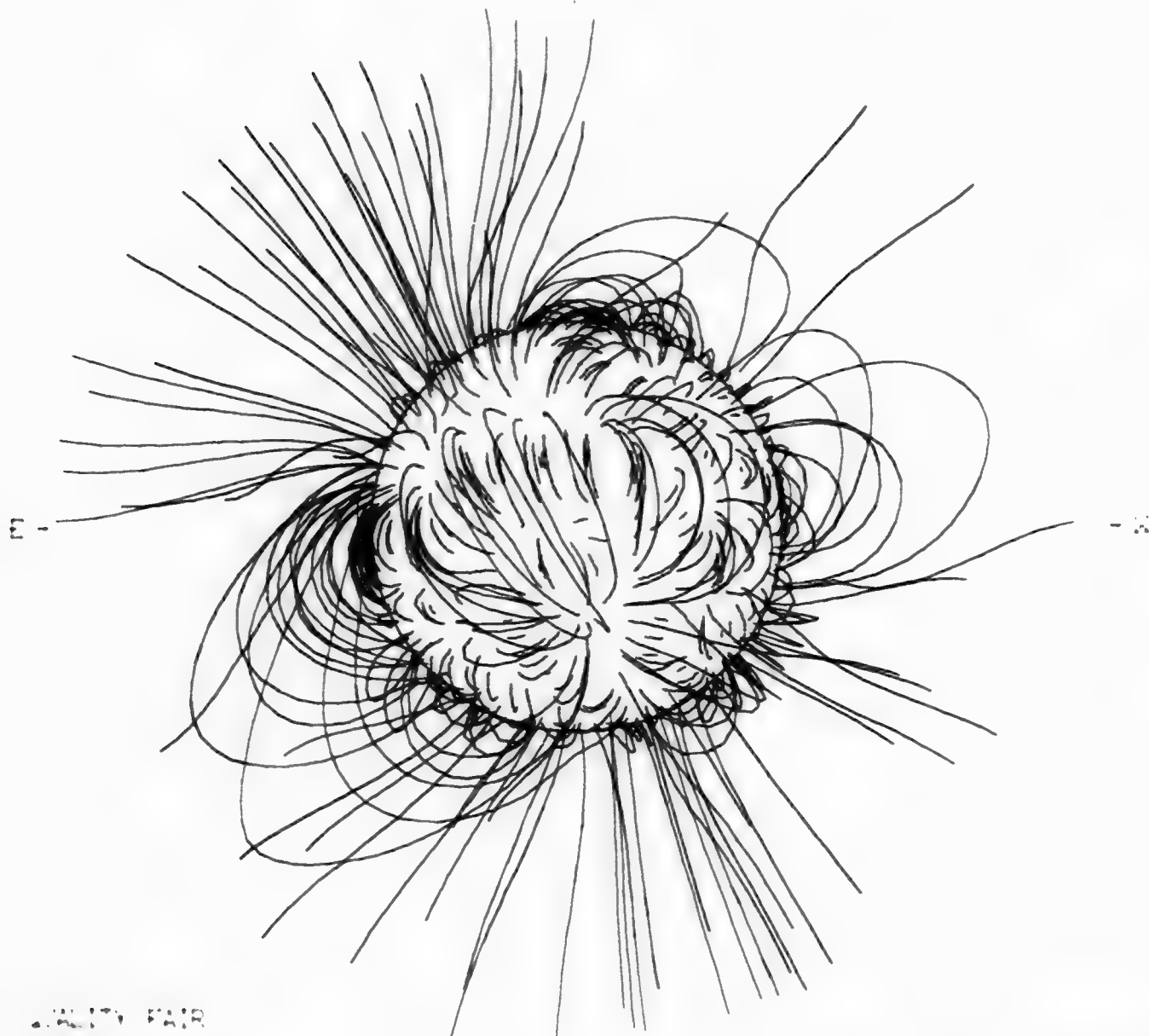
DATA WIDE IN 1500.00

1
S

50.1517 111.1500

10.4 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

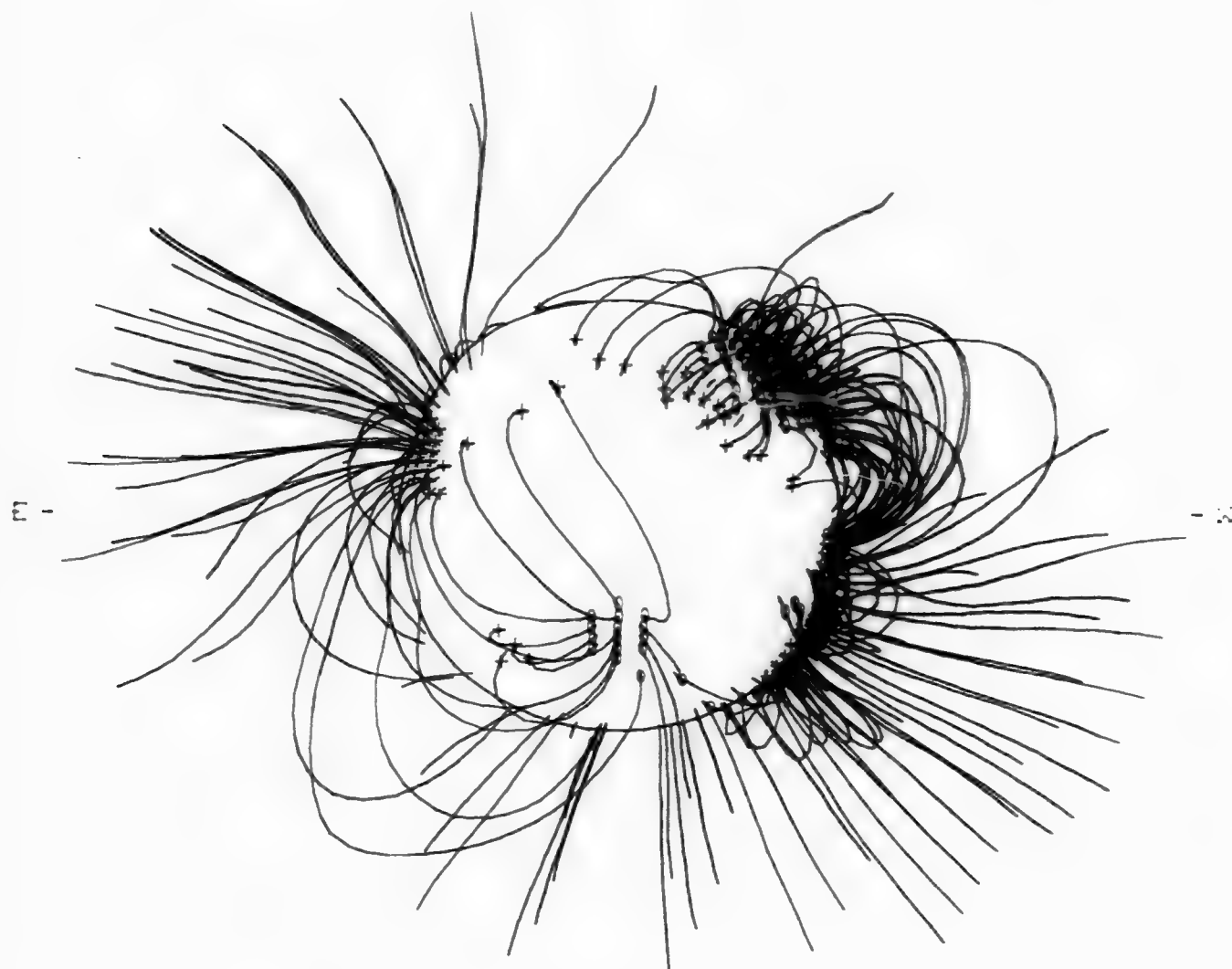
FILES DIRECT

CATA WINDON 1517.00

ALT. 1517 2013.151

11.2 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

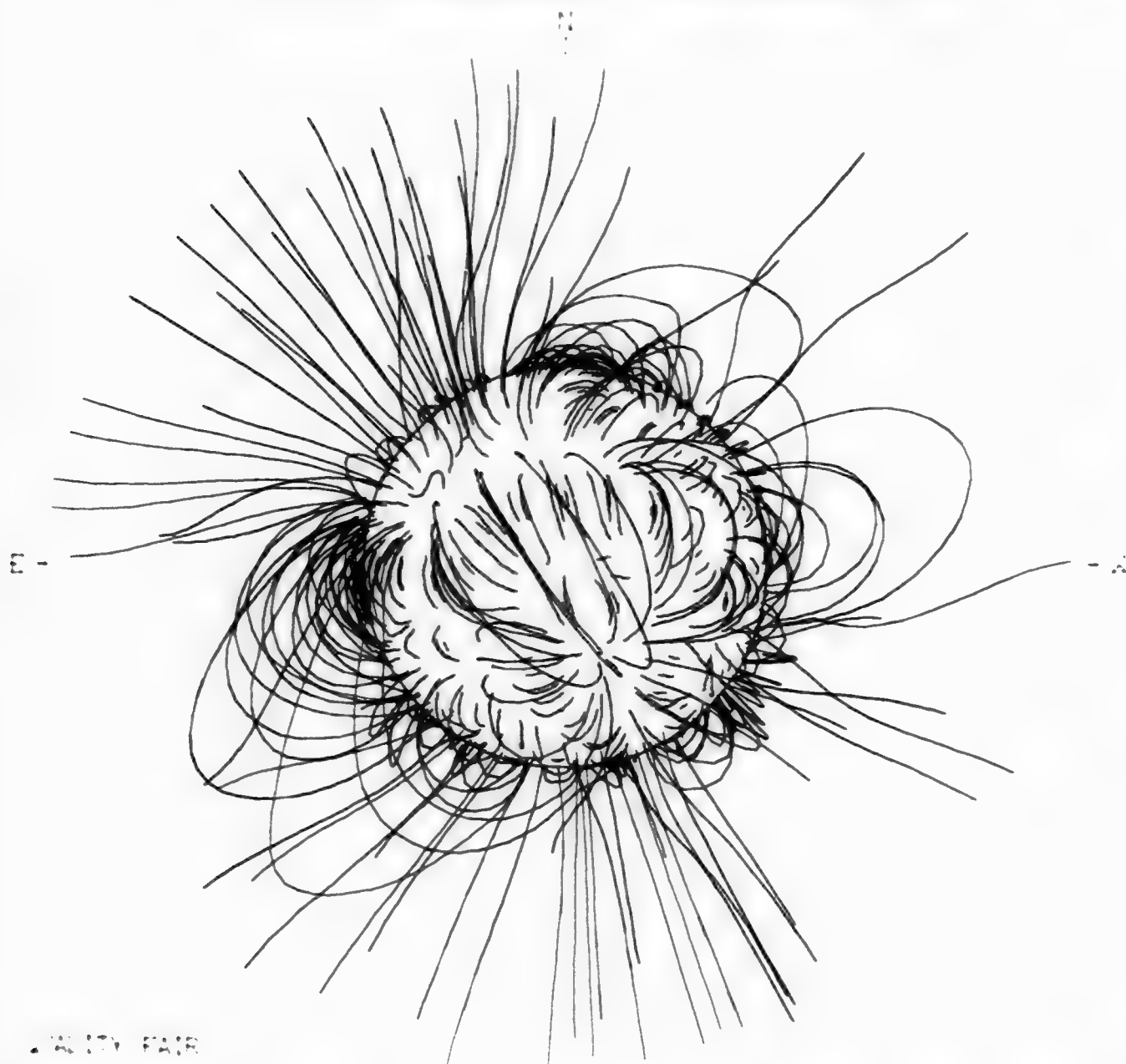
DATA AND/OR POSITION

S

RUT. '51' LUG. '51'

11.2 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

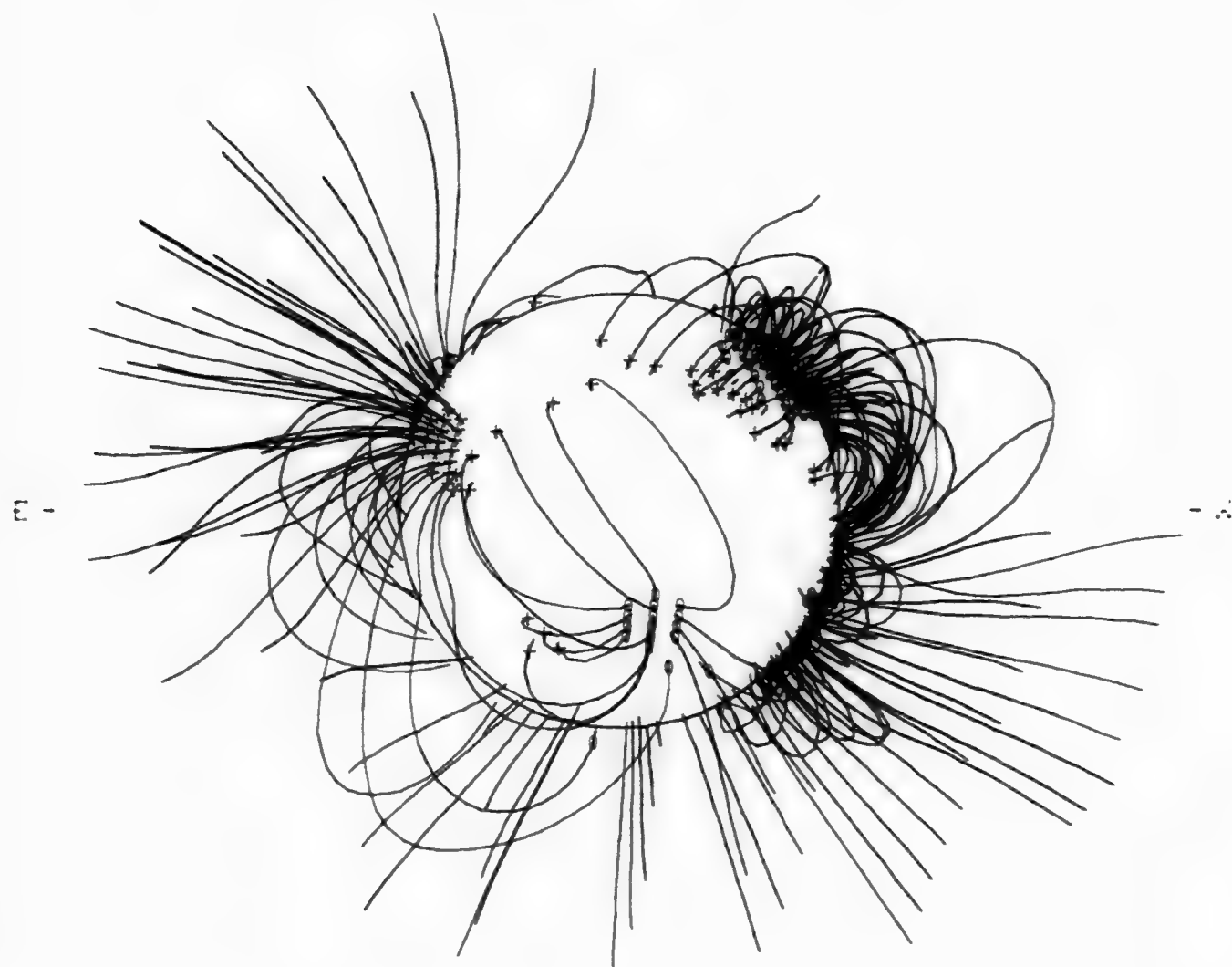
FILES DIRECT

DATA CENTER 157.00

5.7. 1967 11.11. 1967

11.9 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

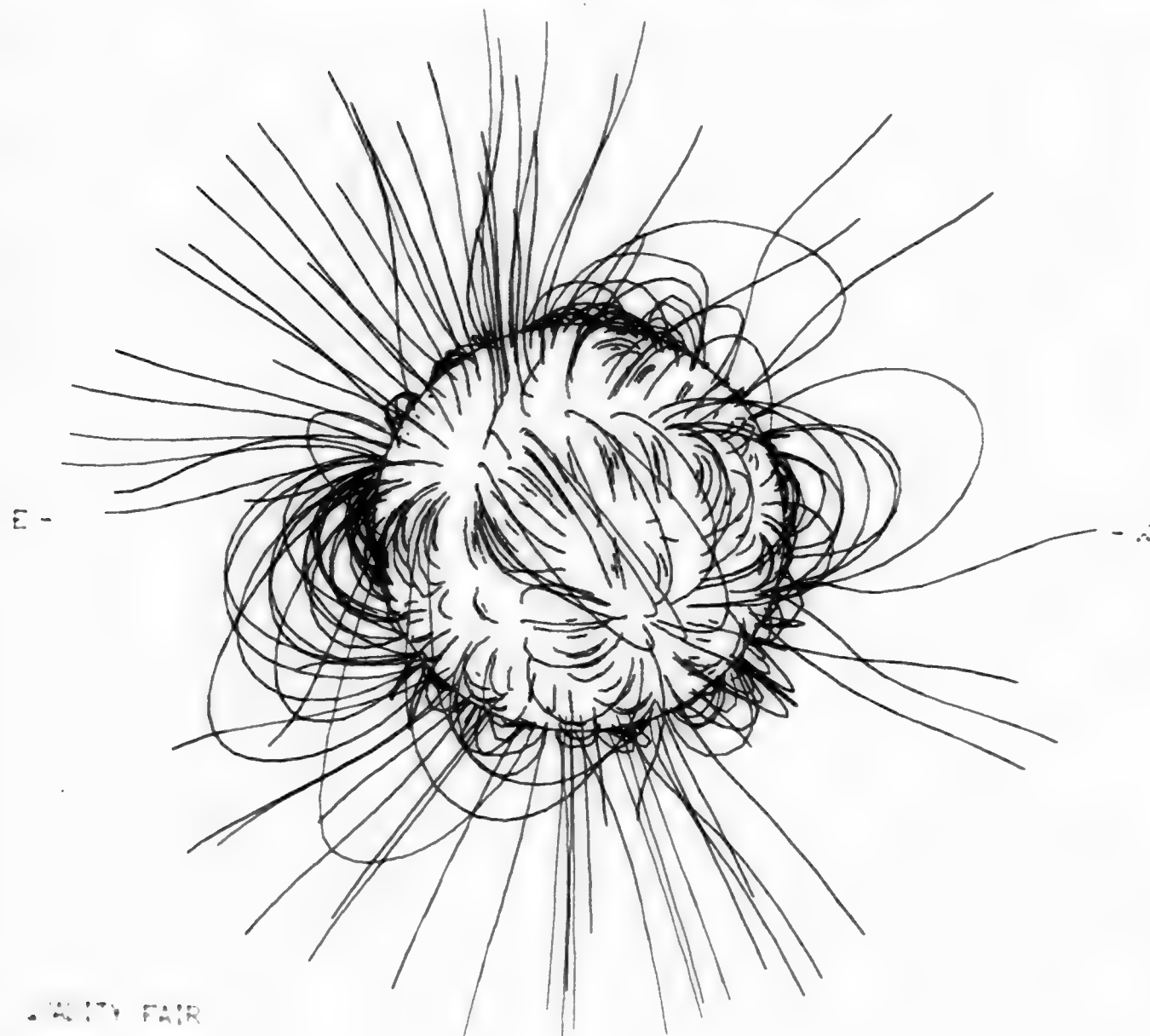
DATA WIND IN 157.00

S

507.157 1100.140

11.5 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

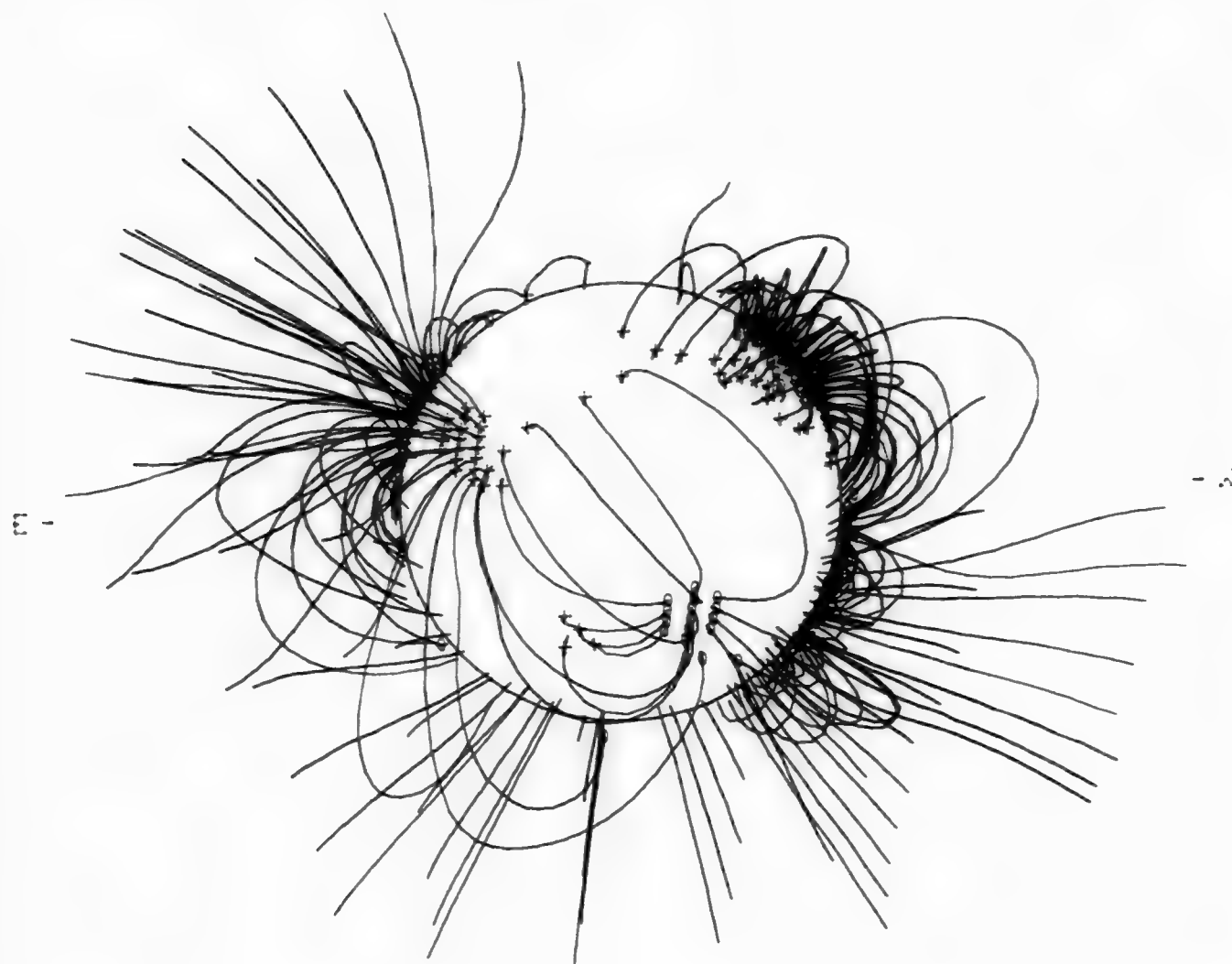
PRICES DIRECT

CATA WINDU 1517.00

EST. 1911 WINDU 1517.00

1517 FEB 1917

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



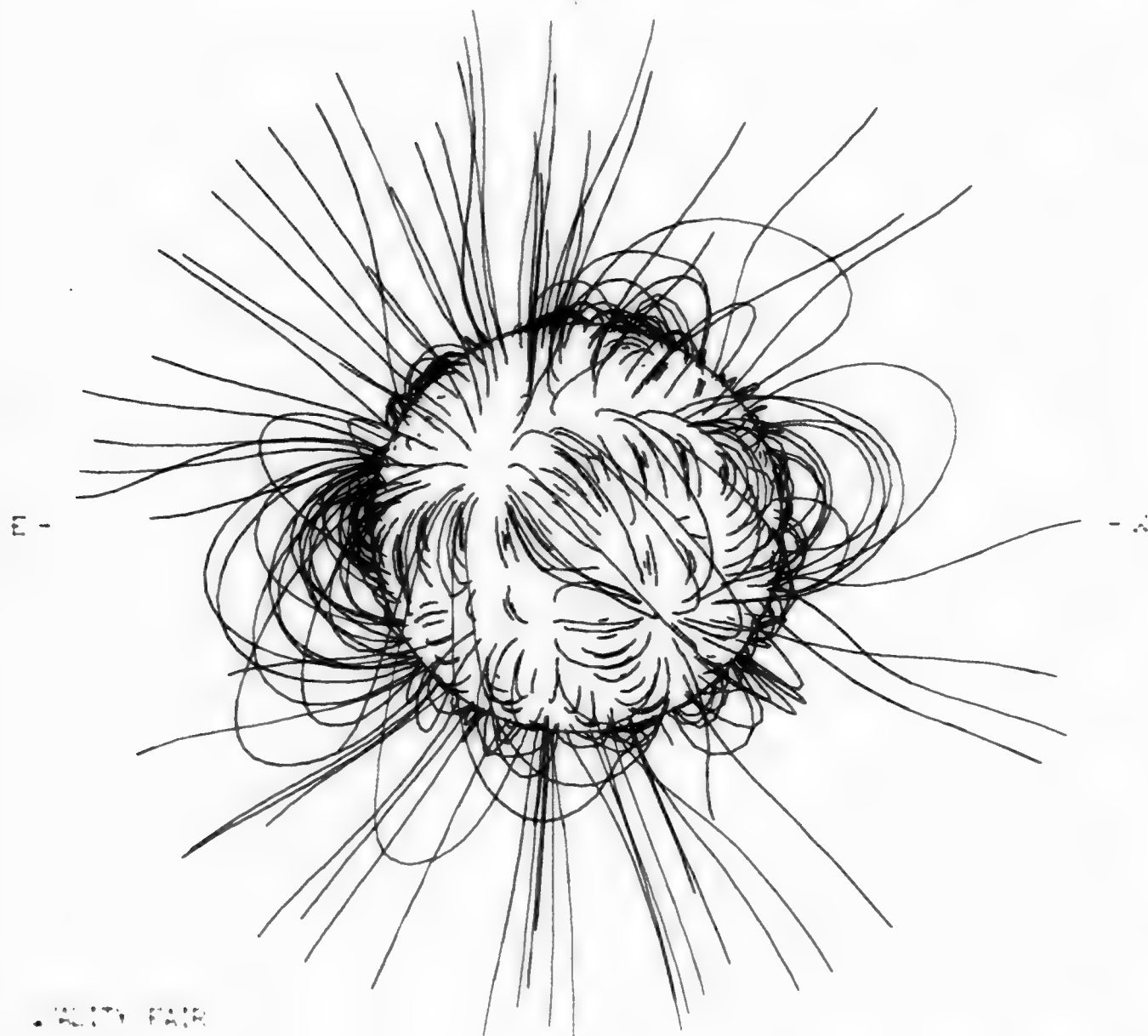
QUALITY FAIR

FILES DIRECT

DATA WINDOW 1517.00

8.7. '57 11.13. '57
12.7 FEB 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

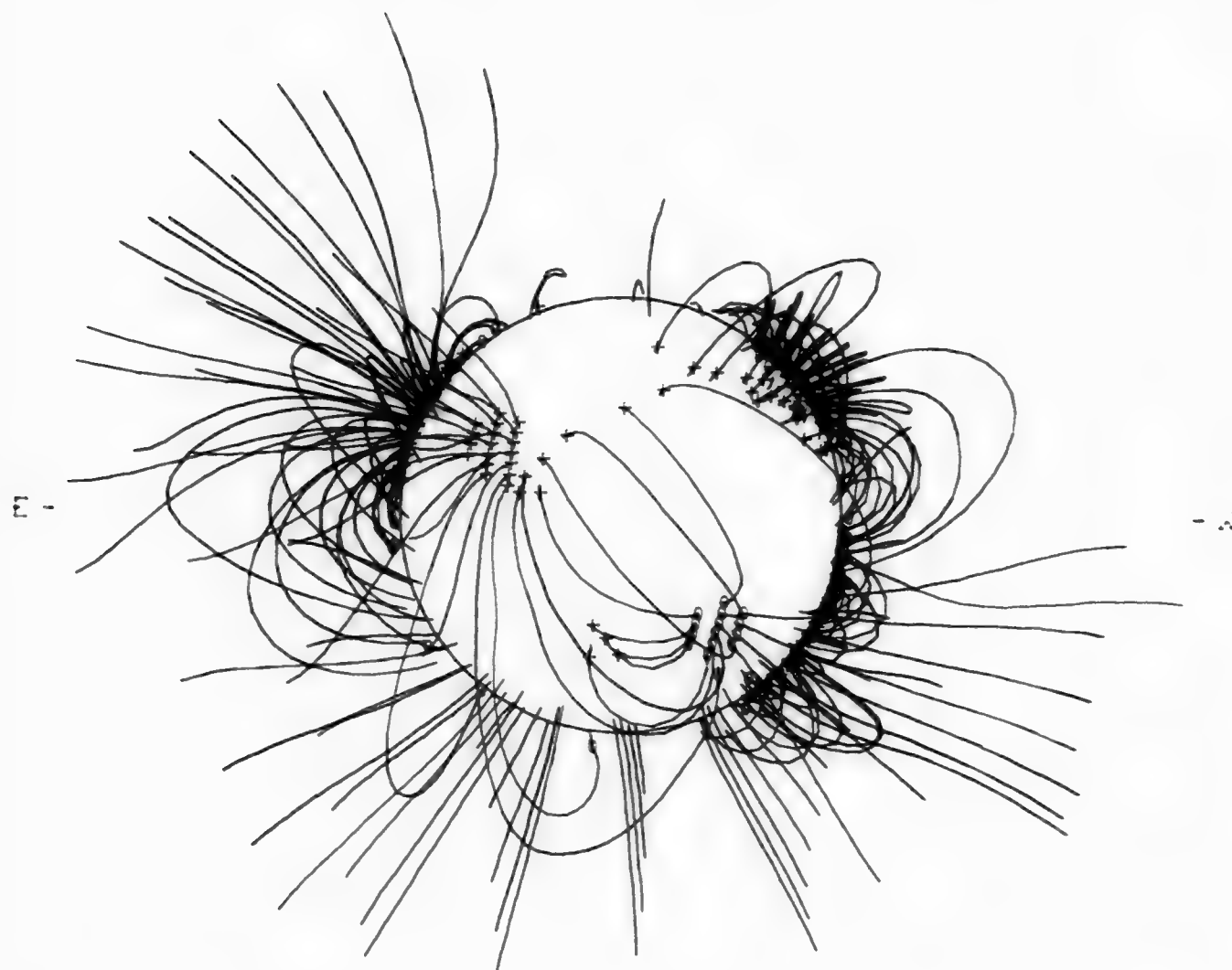
DATA WINDOW 1517.00

S

RLT. 1517 1517.121°

13.5 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

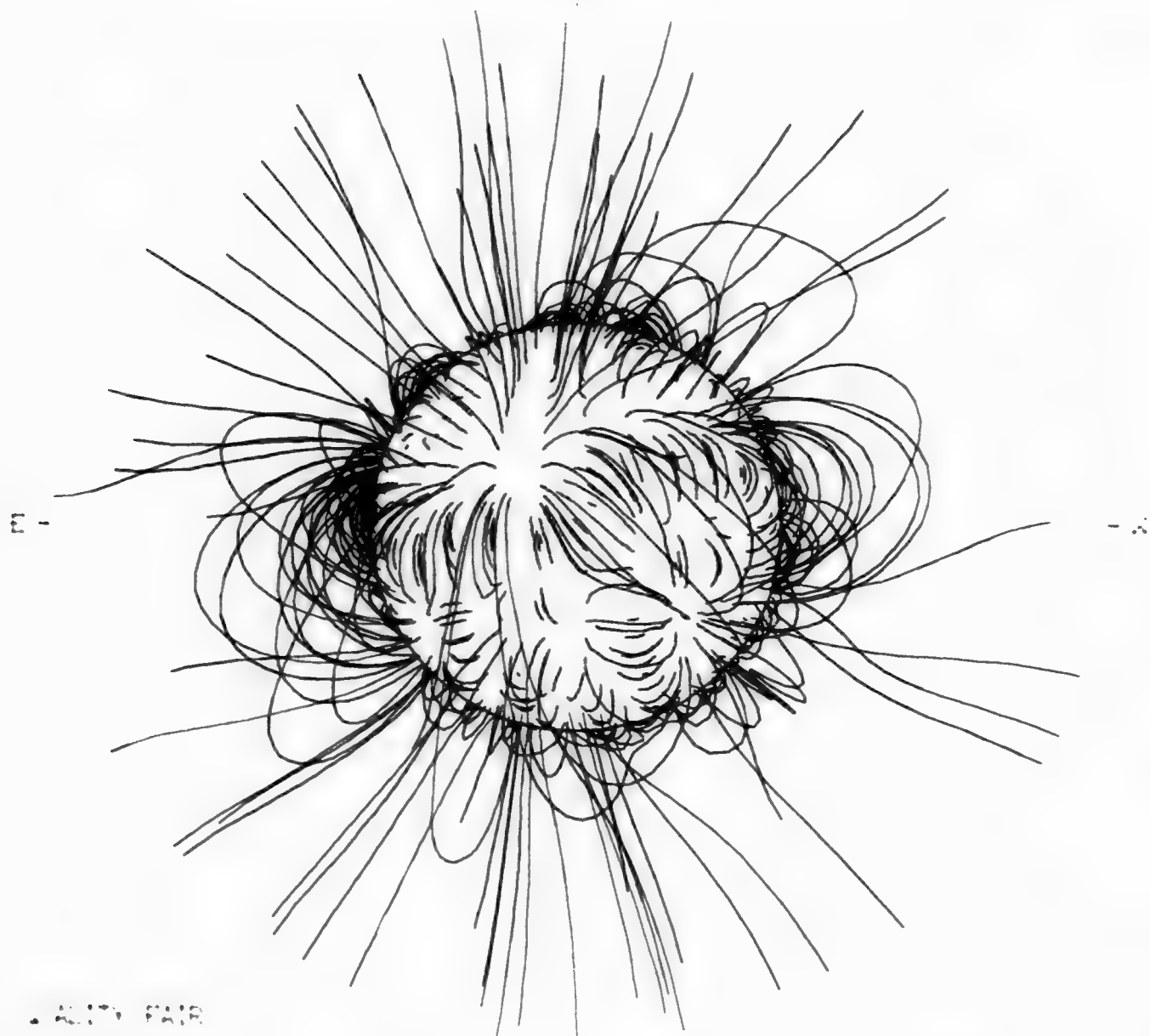
POLES DIRECT

DATA WIND IN 1517.00

ALT. 1517 1010.11°

13.5 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

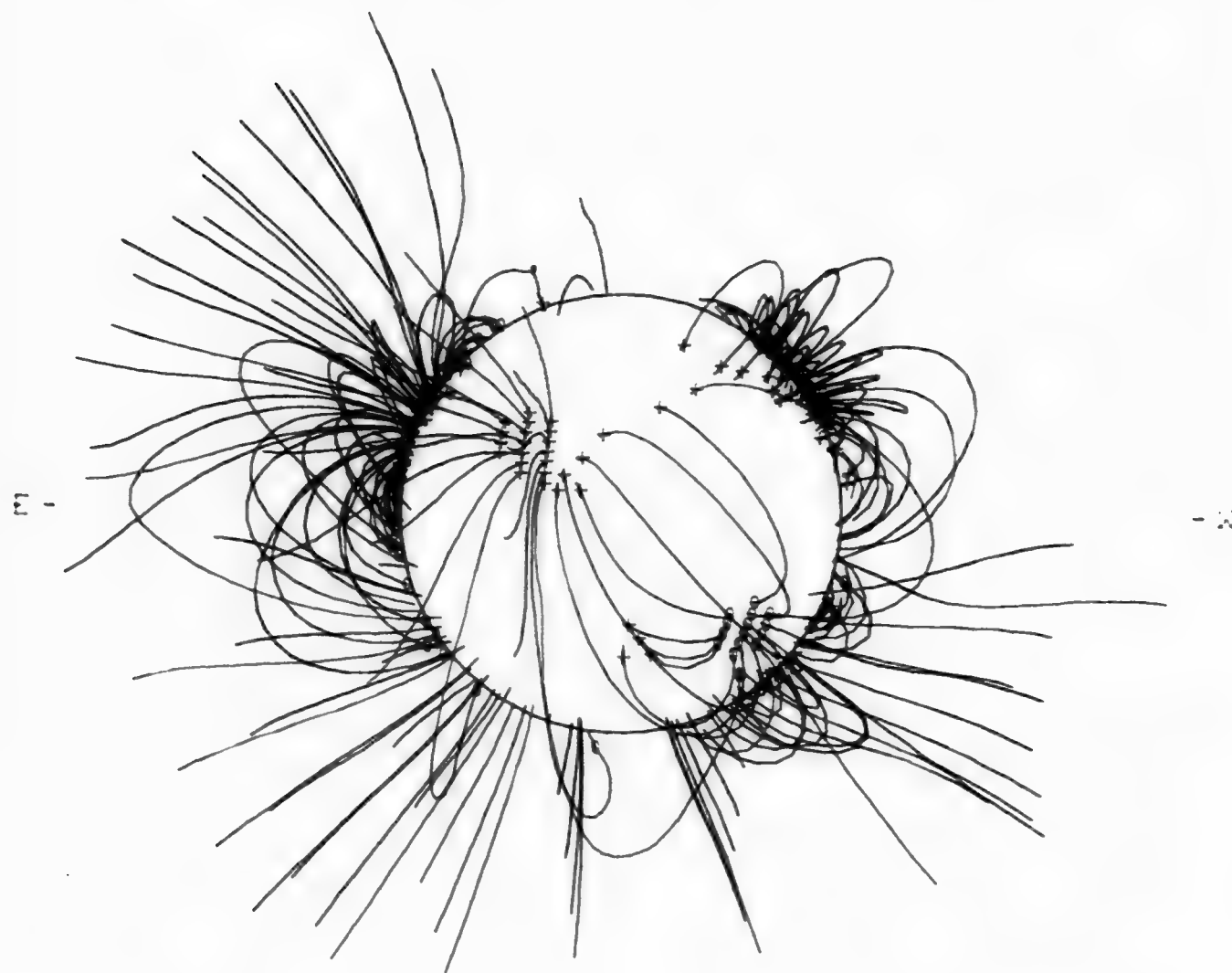
POLES DIRECT

DATA WINDOW 1517.00

RT. 1517 1013.11

14.2 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

EXPERIMENT

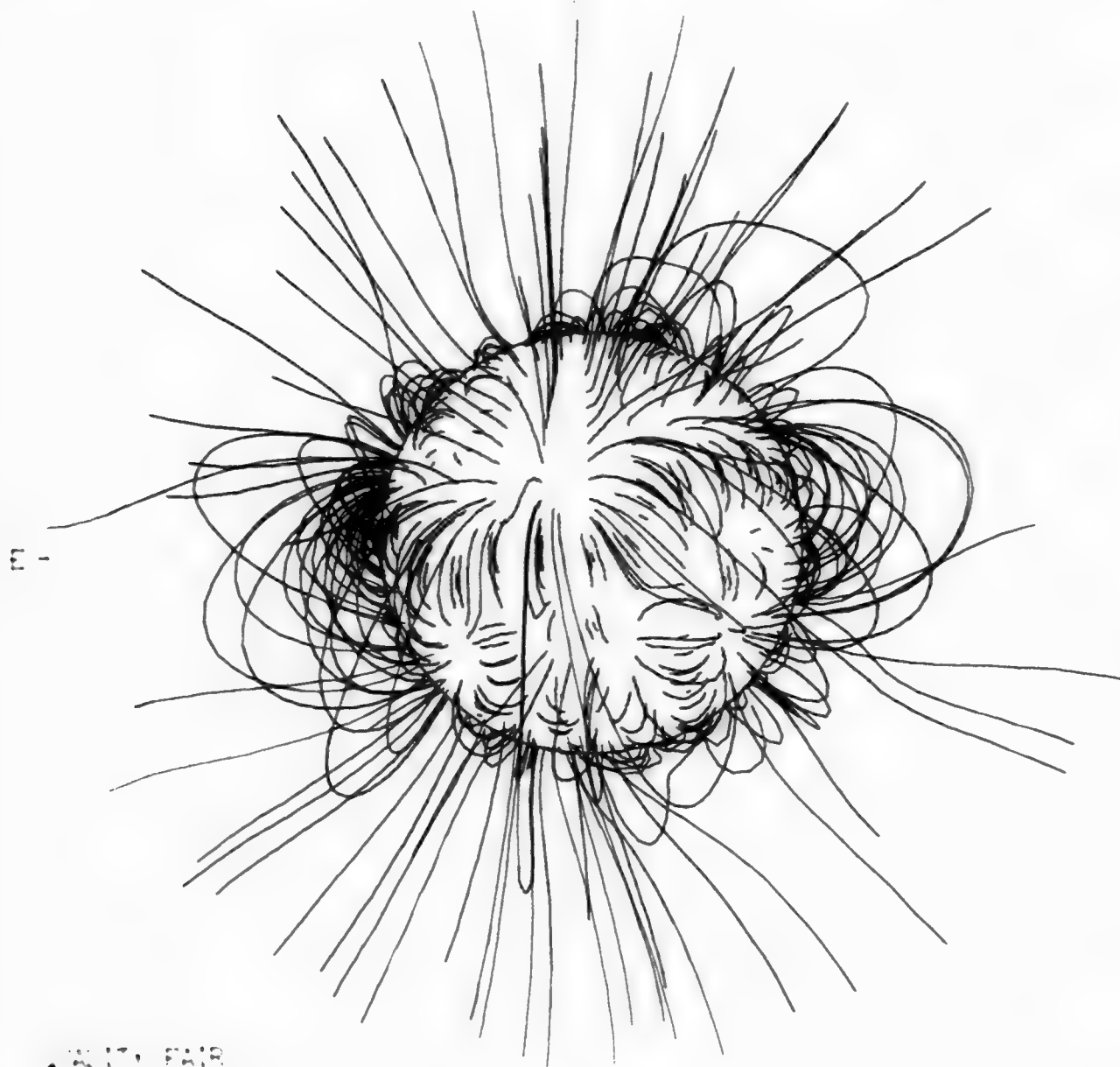
DATA AND/OR THEORY

S

RECEIVED 1967

14 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HALE 171 FAIR

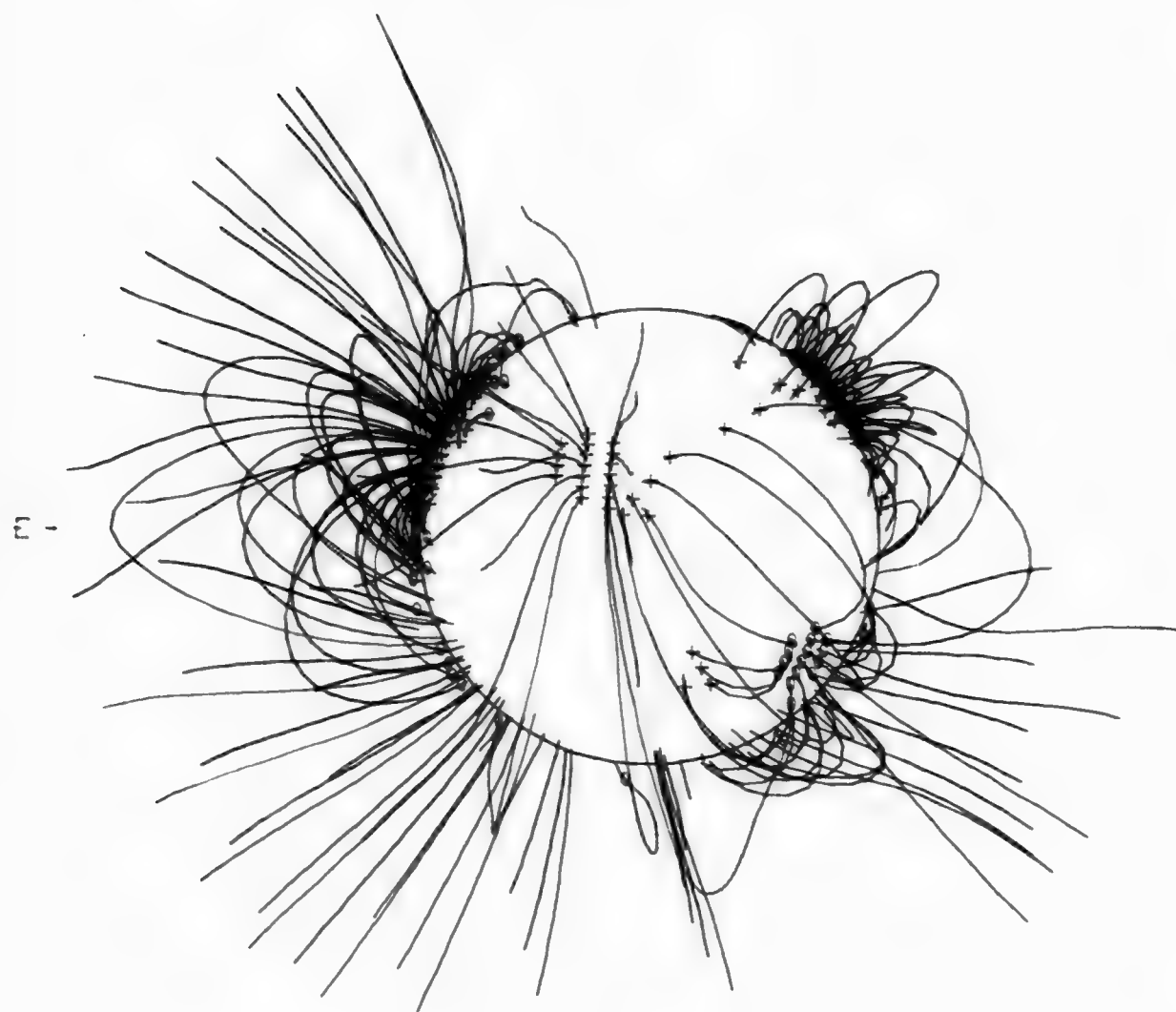
POWER DIRECT

DATA WIND IN 1517.00

HALE 1517 1517.00

15.1 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

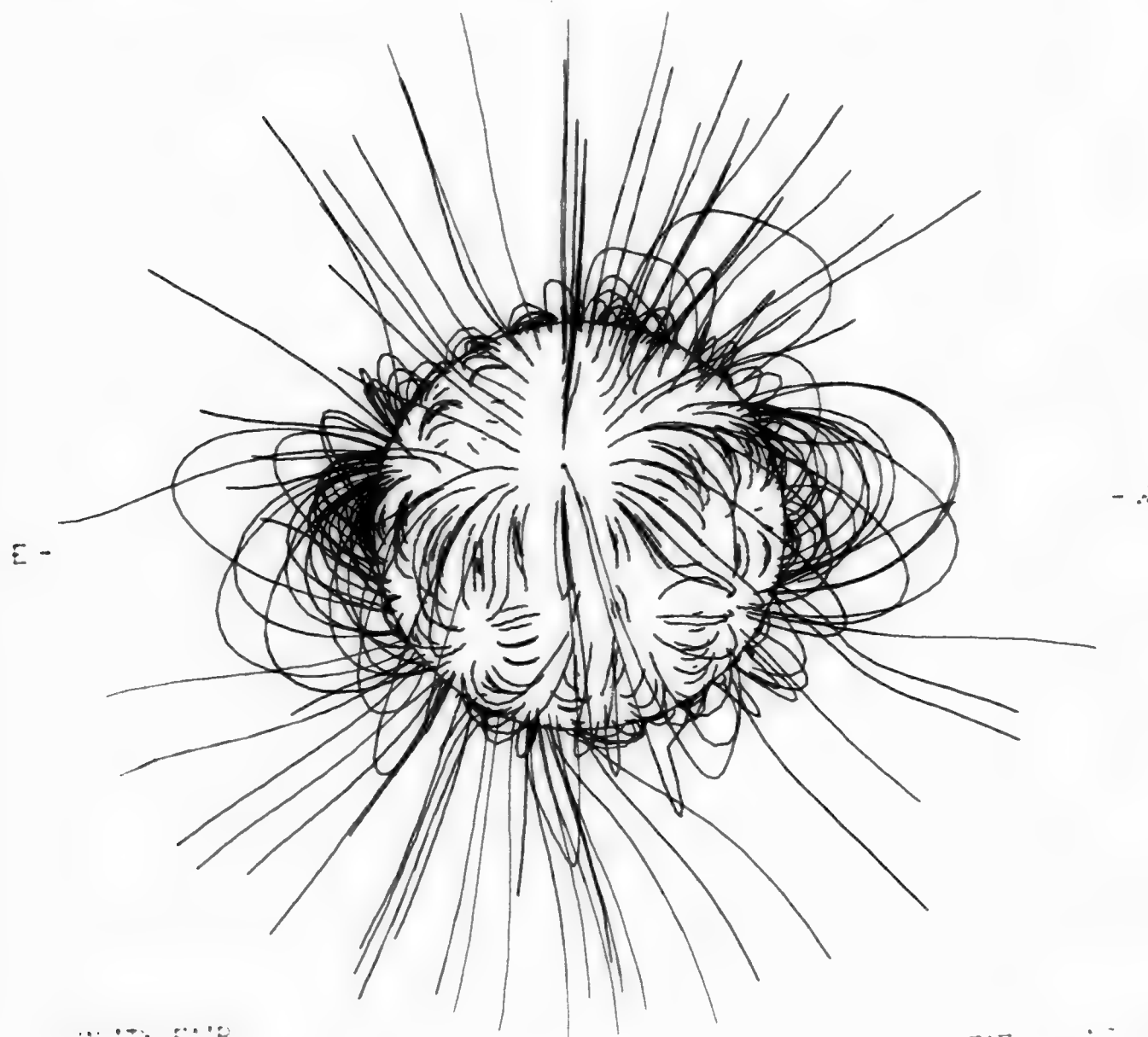
DATA WIND IN 1500.00

S

5.7. 15.7 1.10. 100°

15.0 FEB 1967

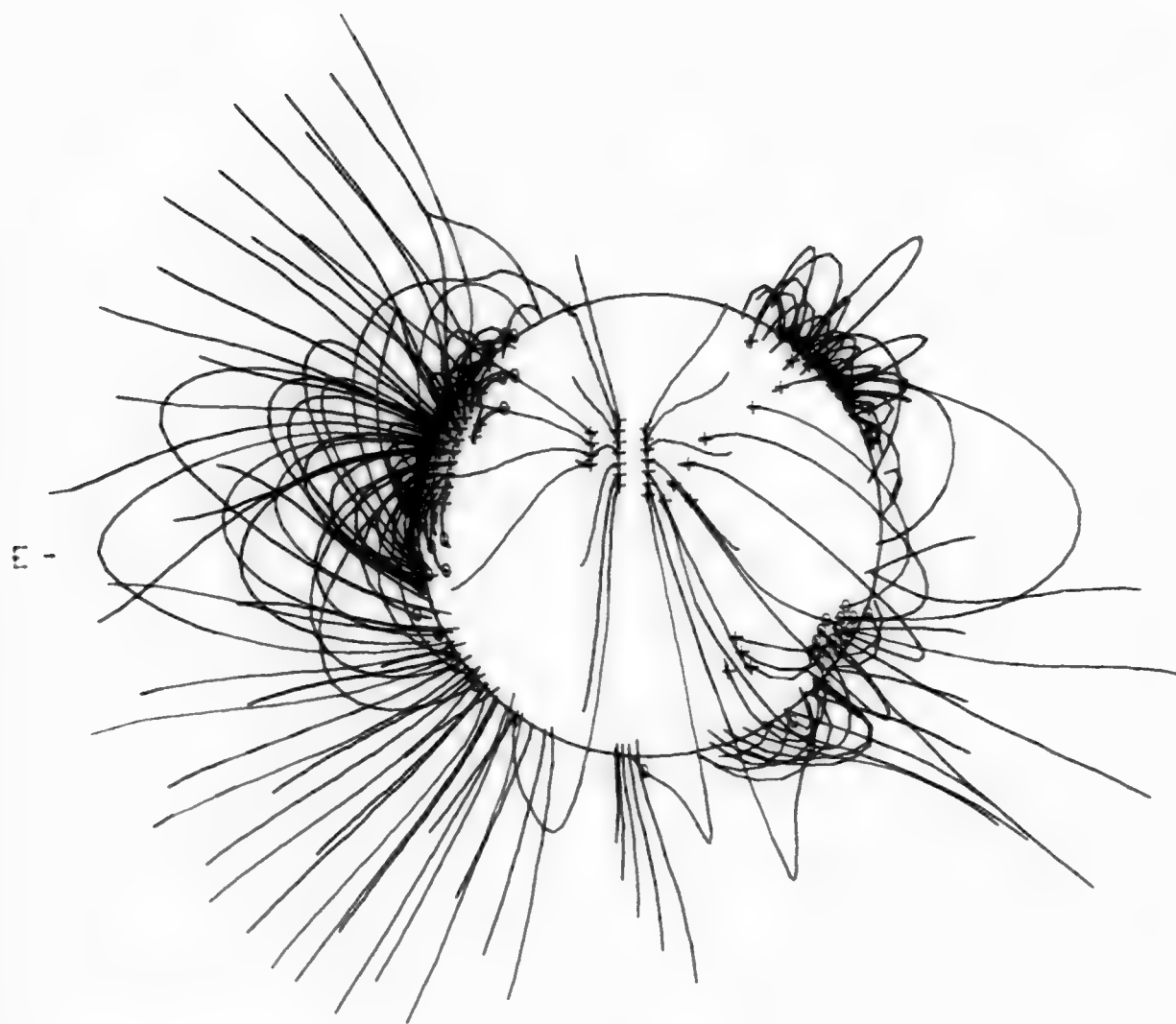
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
FILES DIRECT
DATA AND/OR 1517.00

8.7. 15.7 10.0 10.0
15.7 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

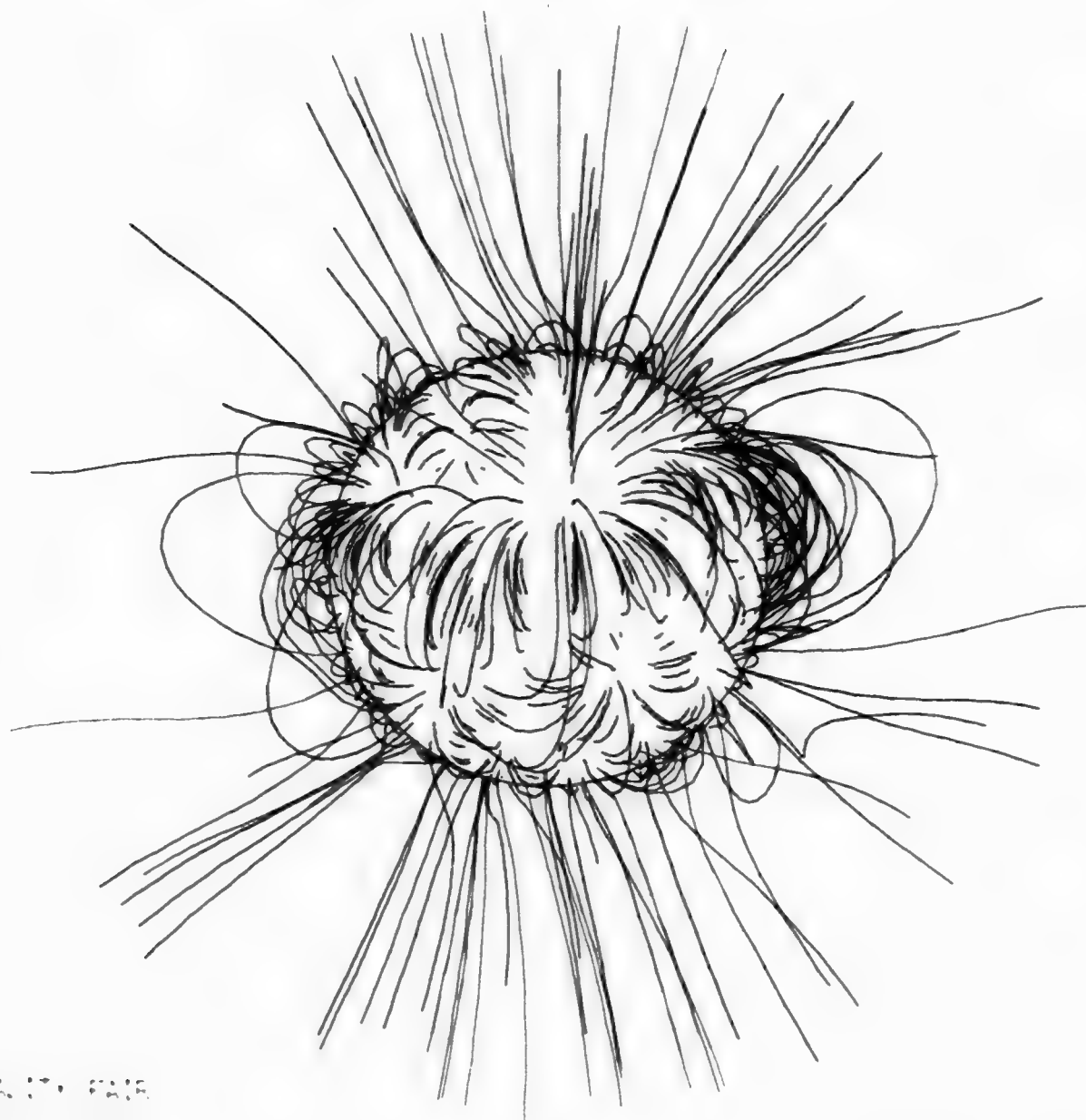


QUALITY FAIR
 FILED DIRECT
 DATA AND/OR 1511.00

5

ALT. 1511 1000. 1511
 15.1 FEB 1967

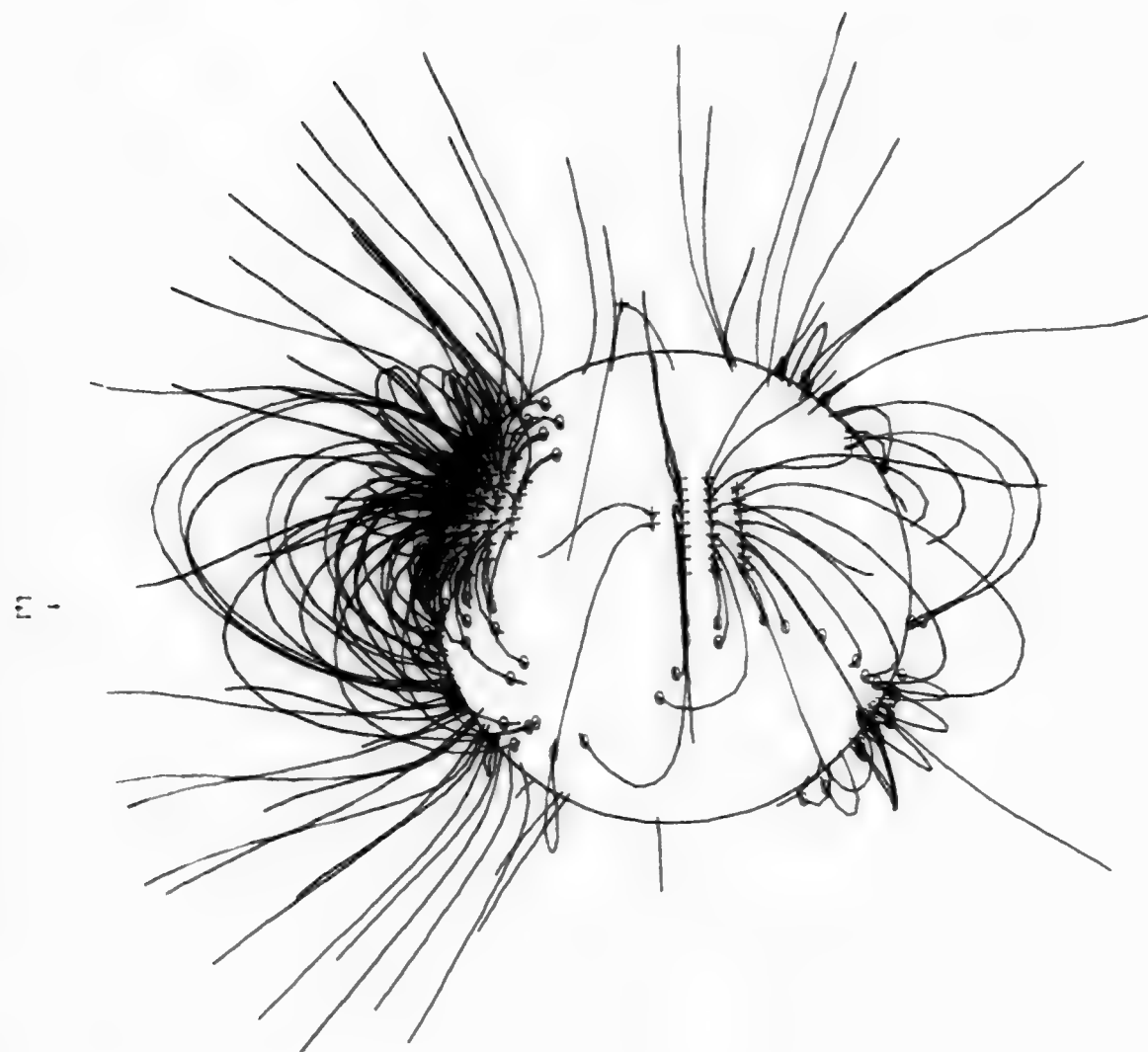
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



J. A. 171 F. 115
 11.11.11
 11.11.11

11.11.11 11.11.11
 11.11.11 11.11.11

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



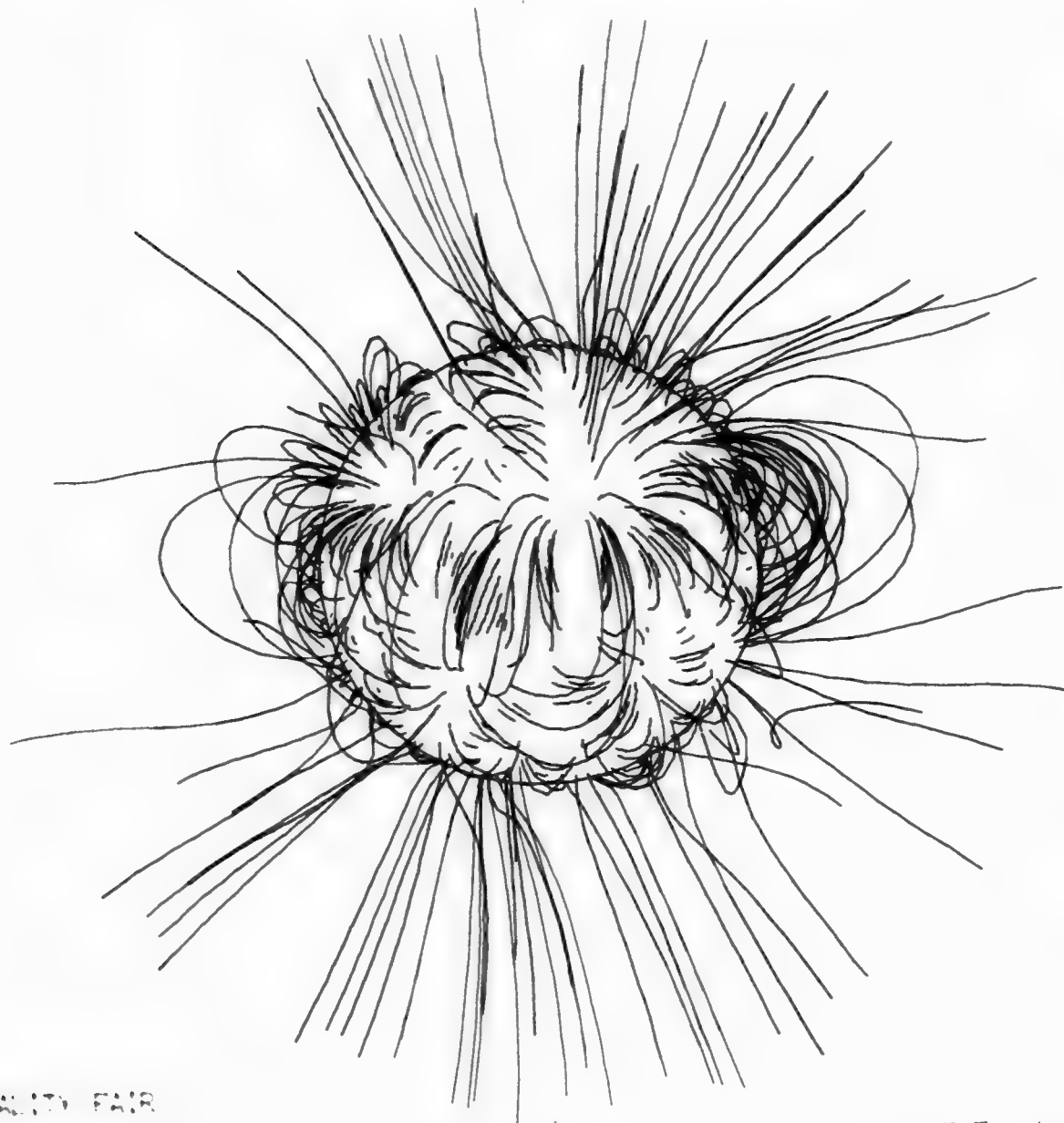
QUALITY FAIR

POLES DIRECT

CATAWISSA "1917.5"

RET. 15.7 21.0 40°
14.5 17.5 100°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



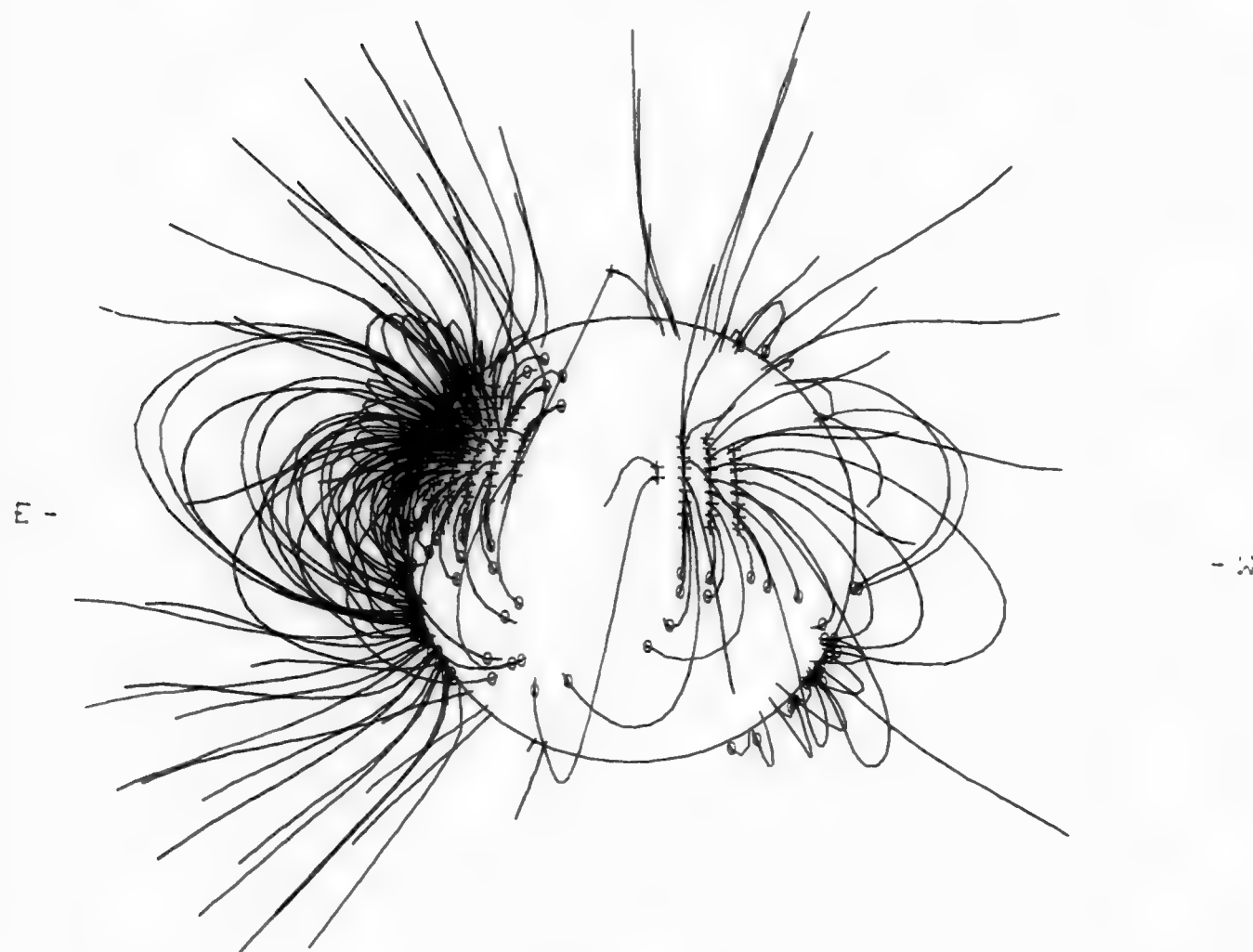
QUALITY FAIR

FILES DIRECT

DATA NUMBER 1517.47

R.T. 1517 1518. 1519
17.3 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1517.47

S

RUT. 1517 2013. 71°

17.3 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

-X

QUALITY FAIR

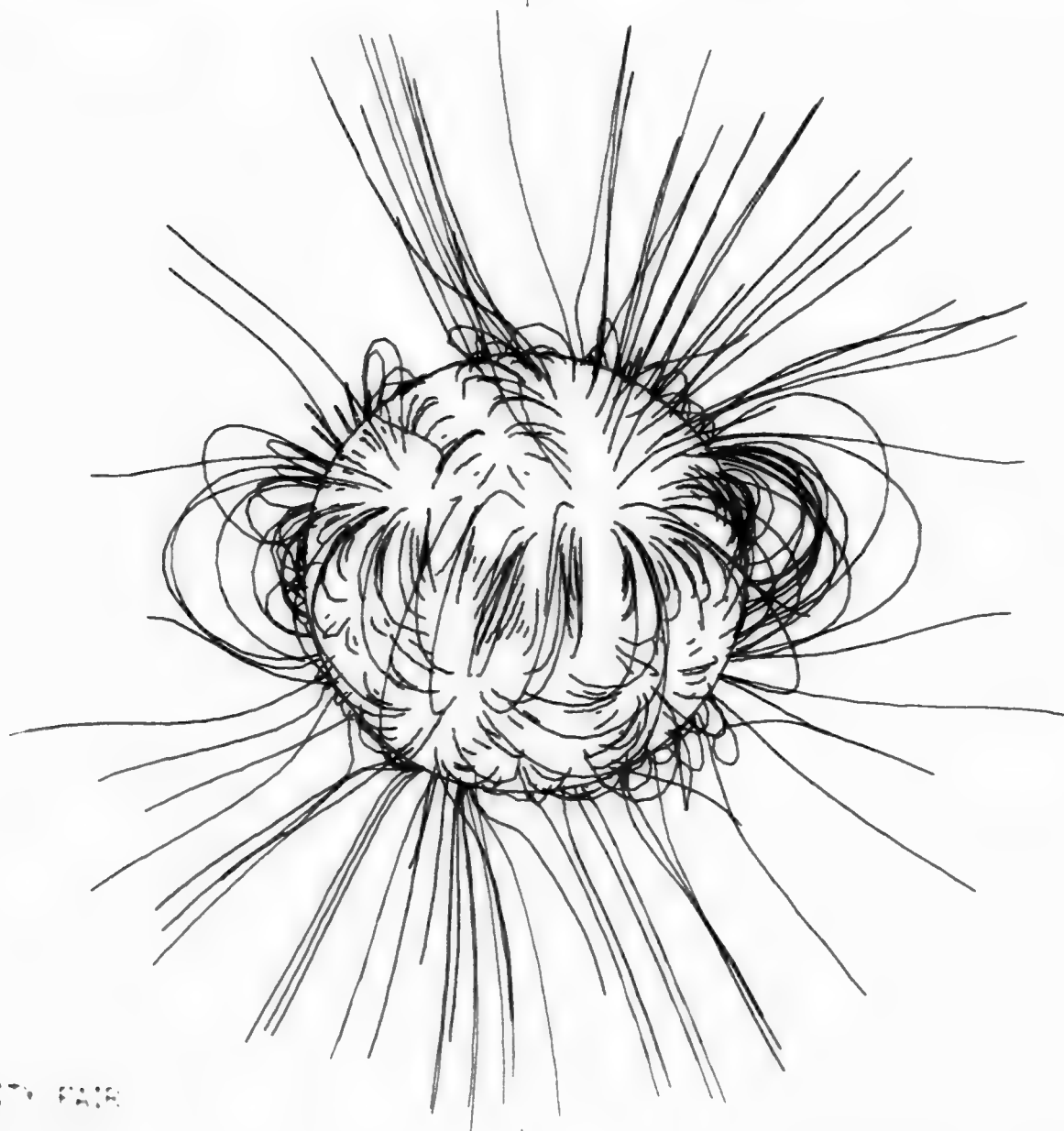
POLES DIRECT

CATA AND IN 1511.5"

S

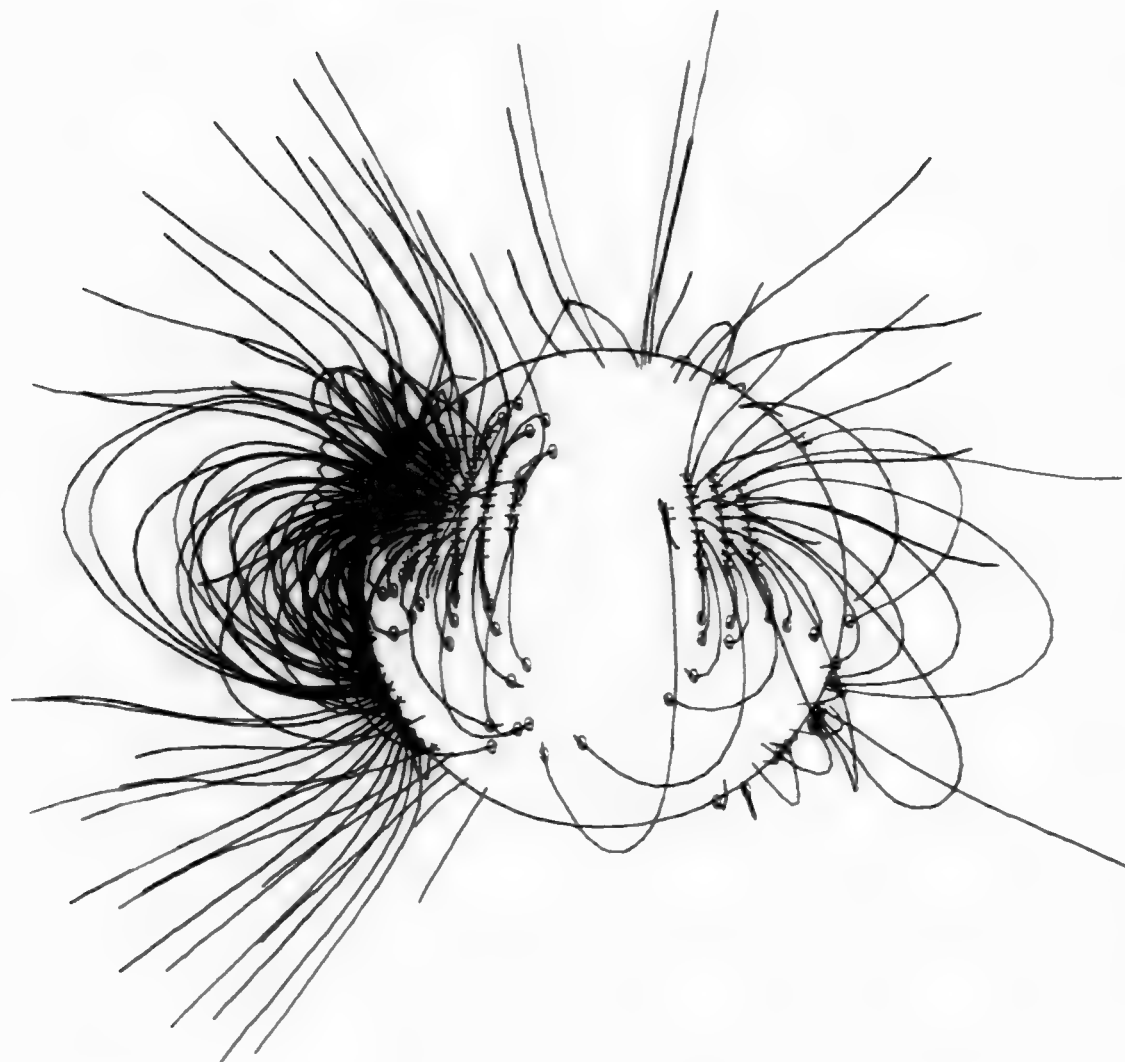
EL. 1511 1110. 40°

1511 FEB 1957



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

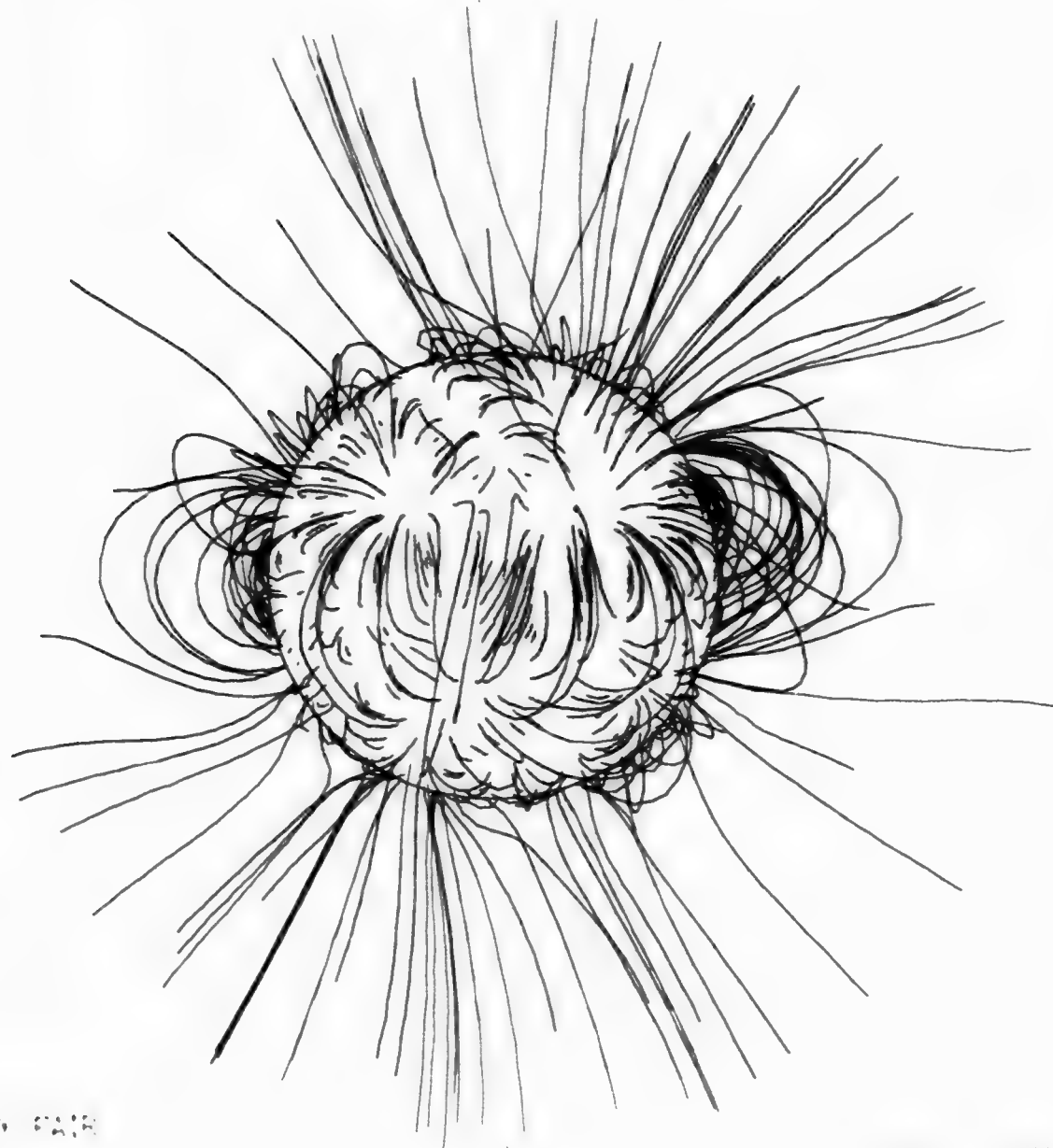
E -



ALTY PAIR
POLES DIRECT
DATA ANGLE 151.5°

8.7. 1957 11.10. 1957
18.0 FEB 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HALE, PAIR

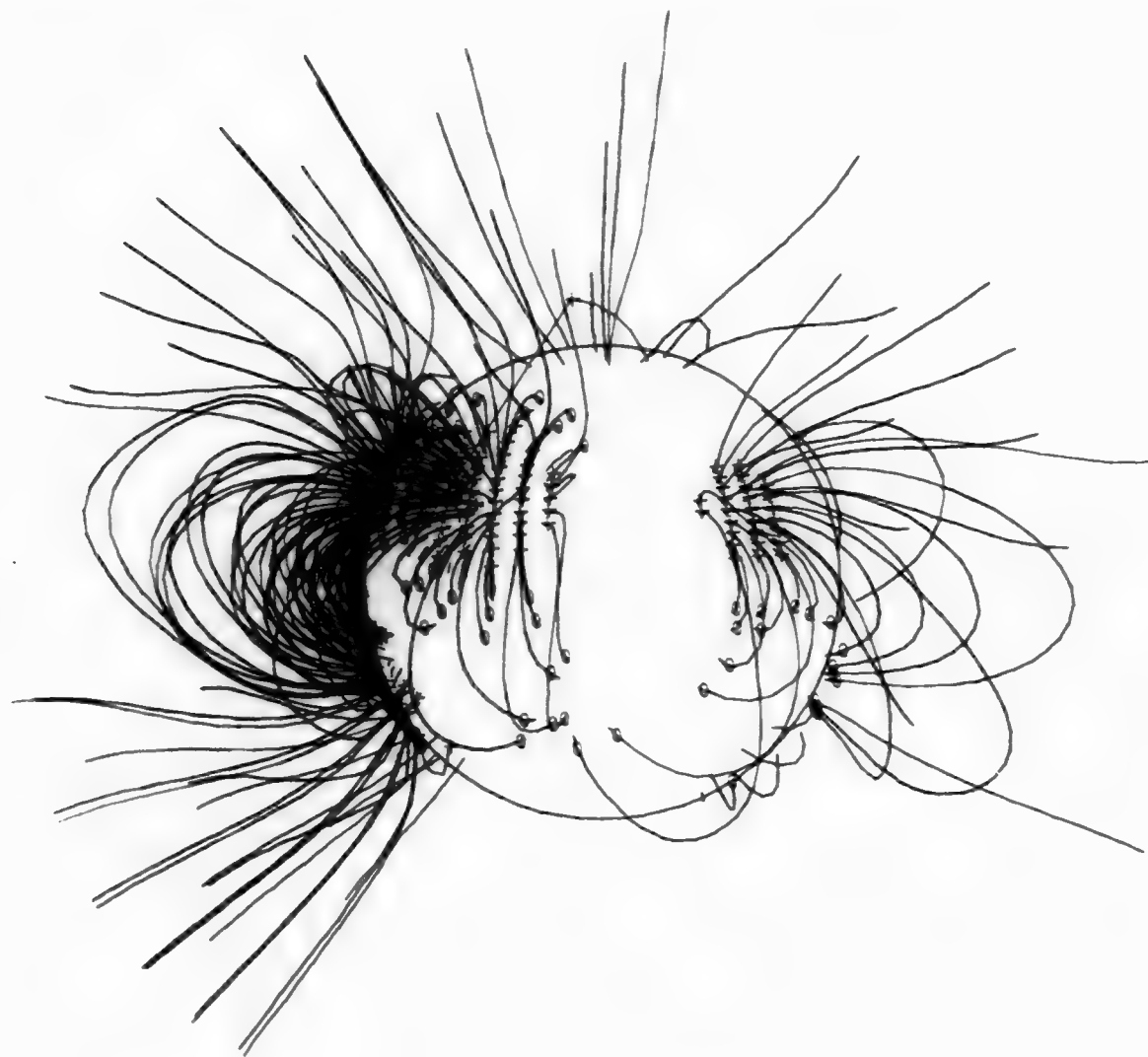
POLES DIRECT

DATA FROM 1577-78

HALE, PAIR 1577-78

1577-78

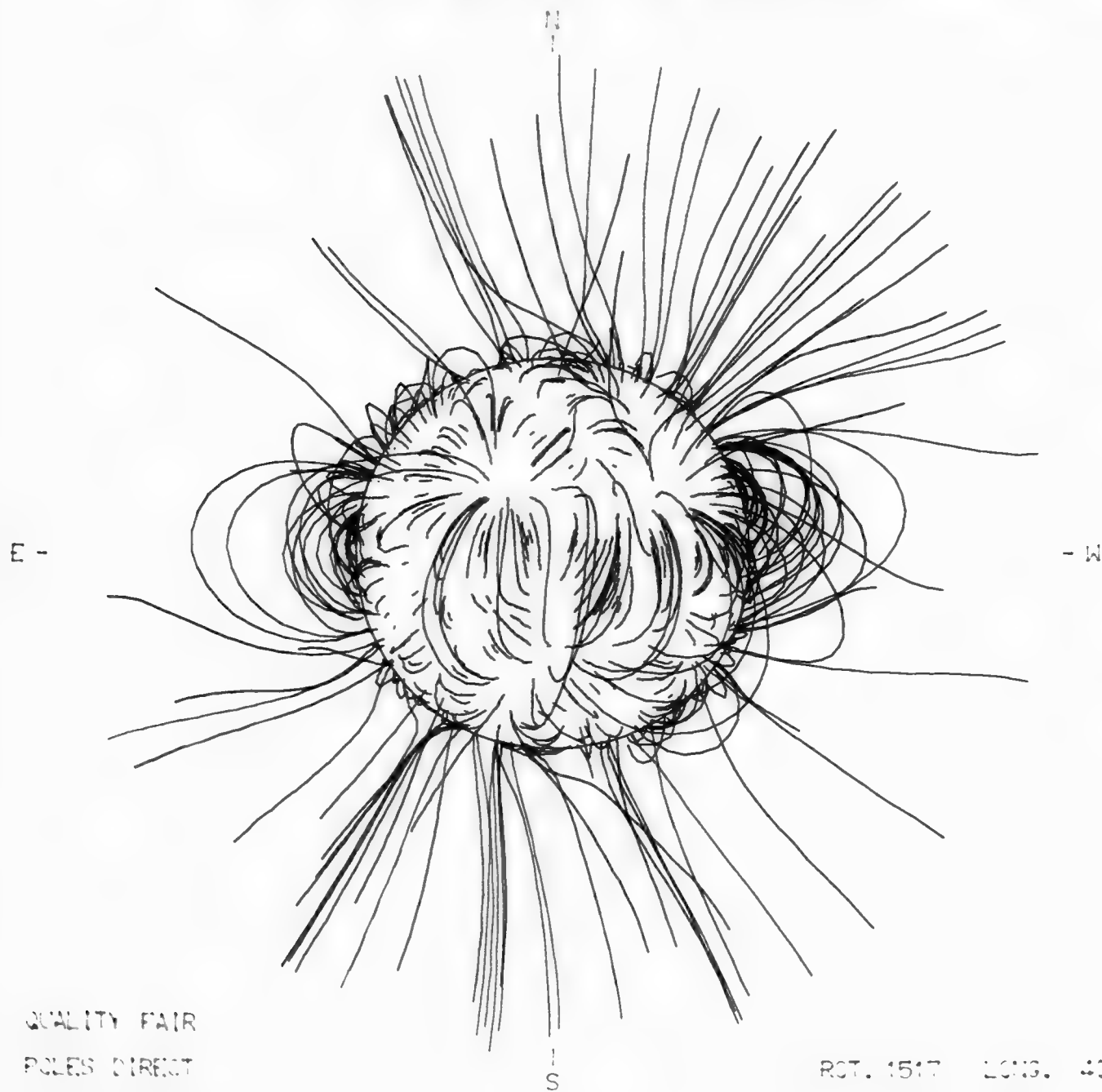
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HALE OBSERVATORY
 HAILE OBSERVATORIES
 DATA AND/OR PHOTOGRAPH

HALE OBSERVATORY
 HAILE OBSERVATORIES
 DATA AND/OR PHOTOGRAPH

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

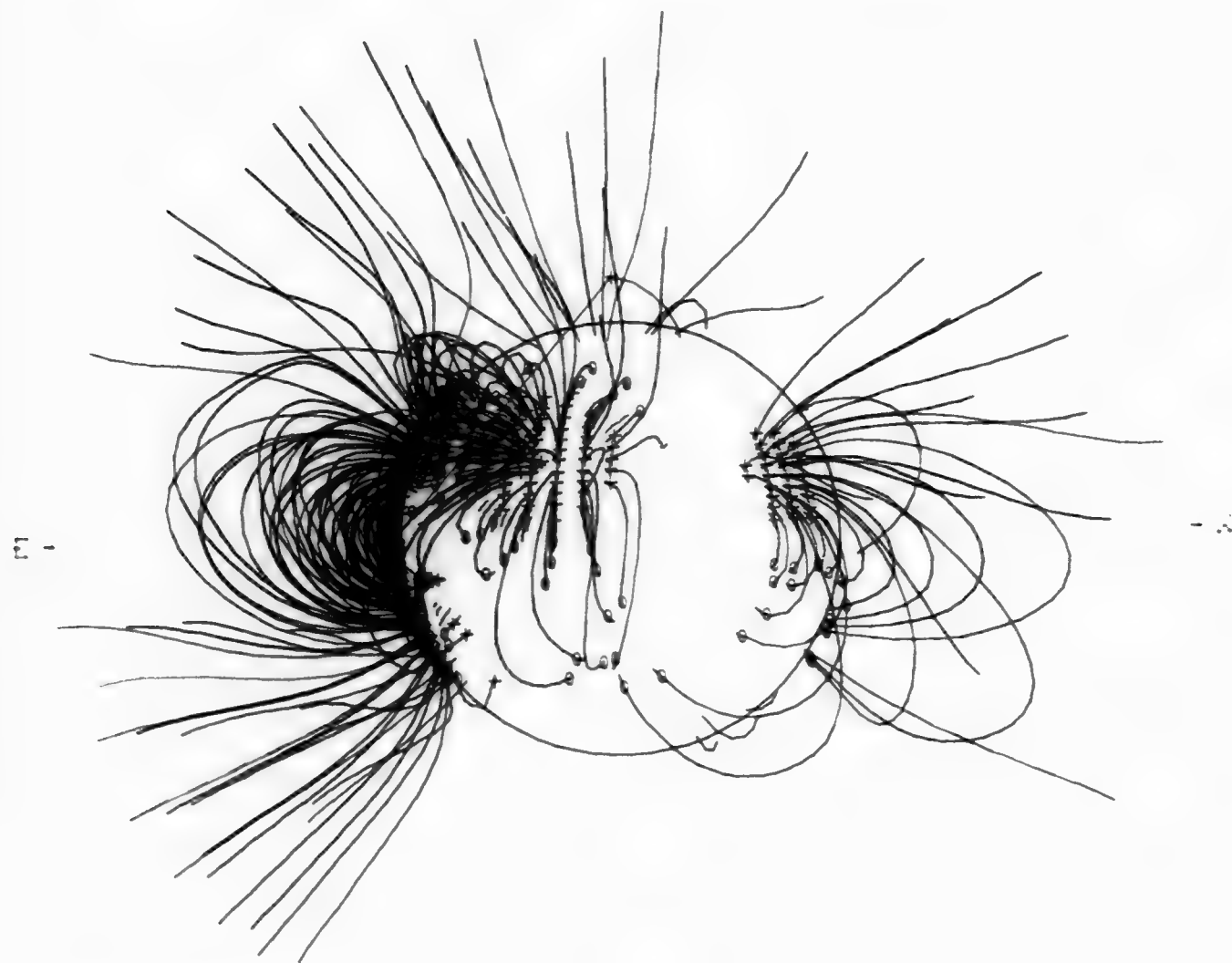
POLES DIRECT

DATA WINDOW 1517.47

ROT. 1517 LONG. 40°

19.5 FEB 1967

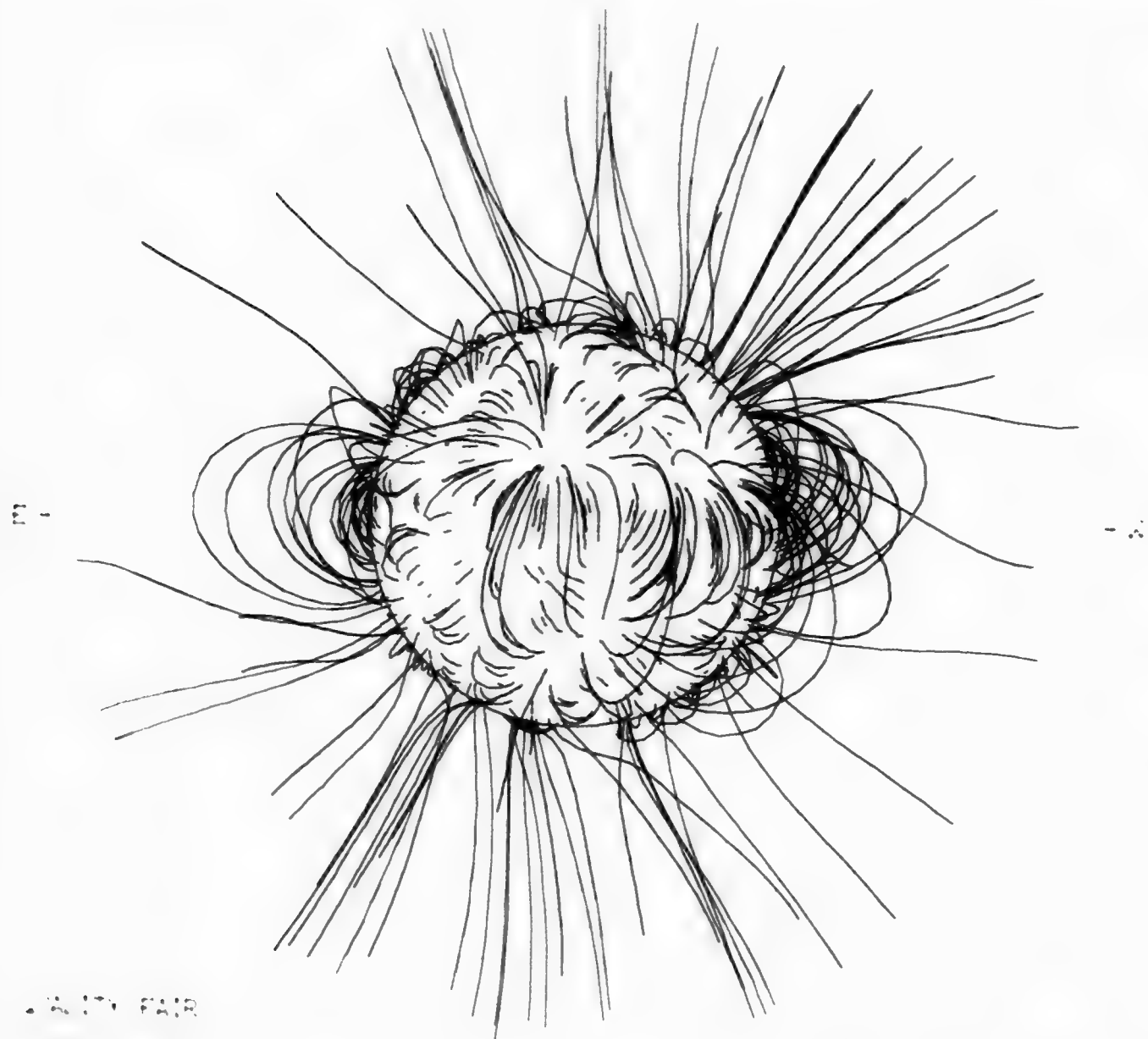
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HALE OBSERVATORY
 PILES DIRECT
 DATA FROM 1977-87

HALE OBSERVATORY
 19.5 FEB 1987

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

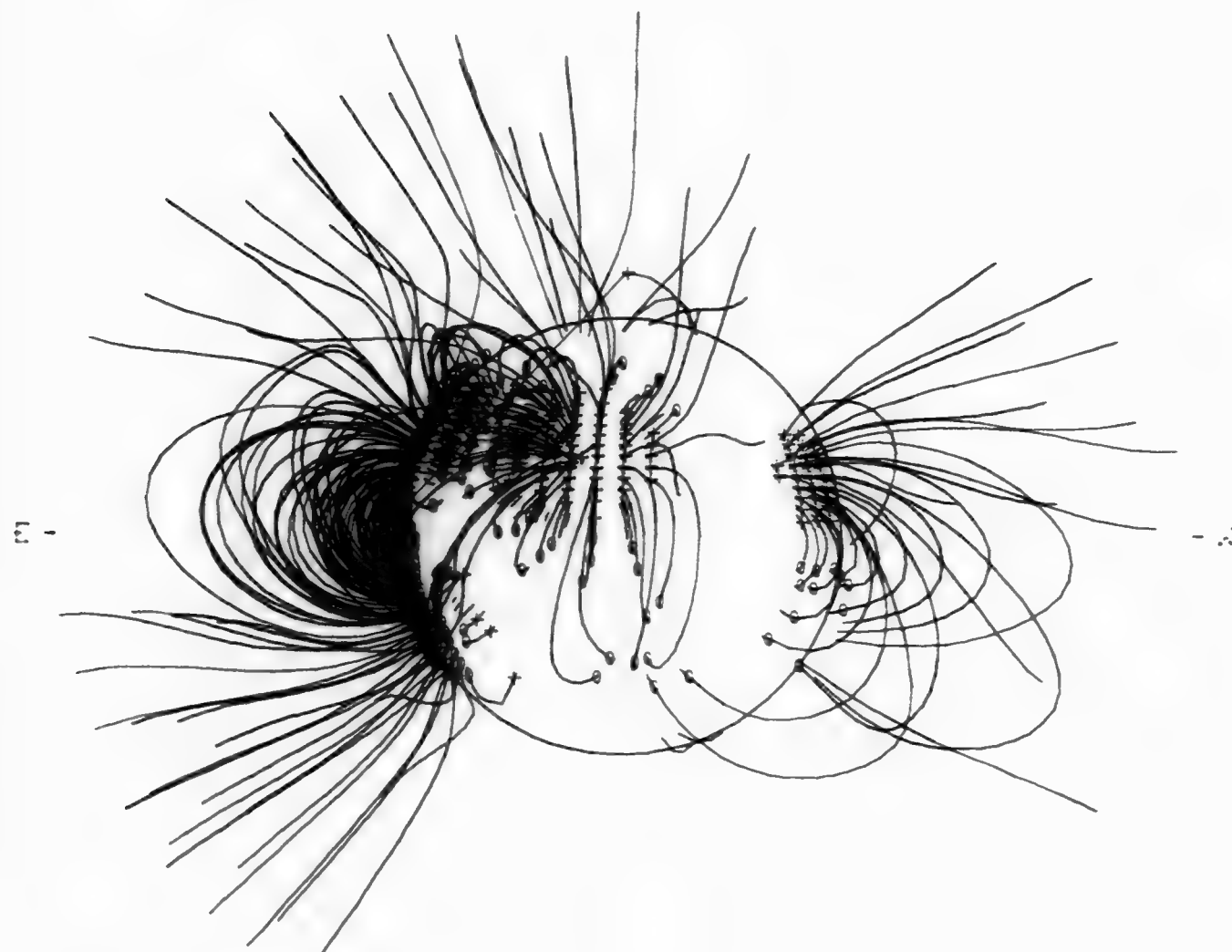


QUALITY FAIR
 RULES DIRECT
 DATA AND/OR 1917.47

S

ALT. 1517 2013. 31°
 20.3 FEB 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY PAIR

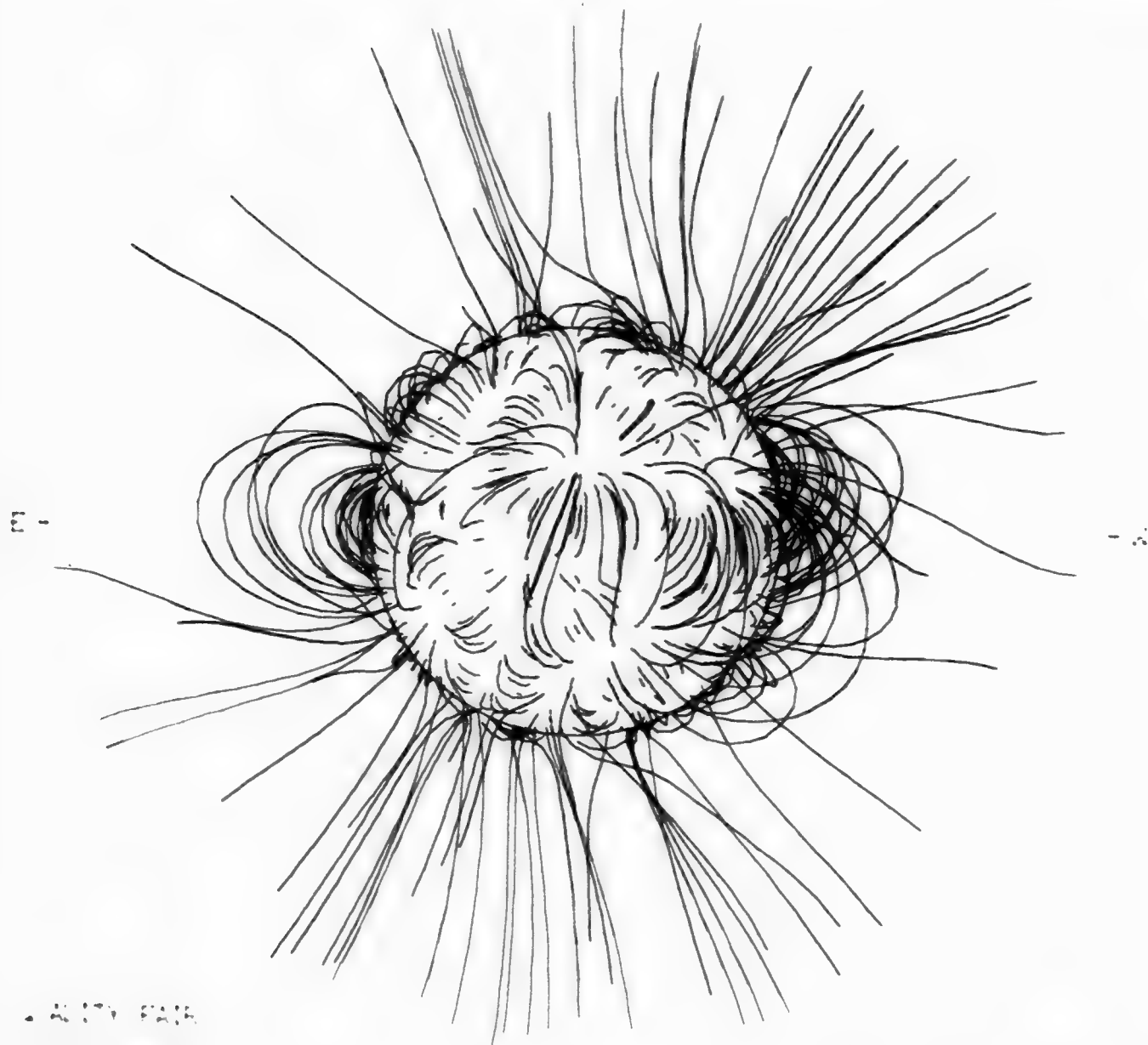
FLUX DENSITY

DATA SOURCE: 1971.07

FILE: 1971.07.07.01

1971 FEB 1971

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HALE OBSERVATORY

HALE OBSERVATORY

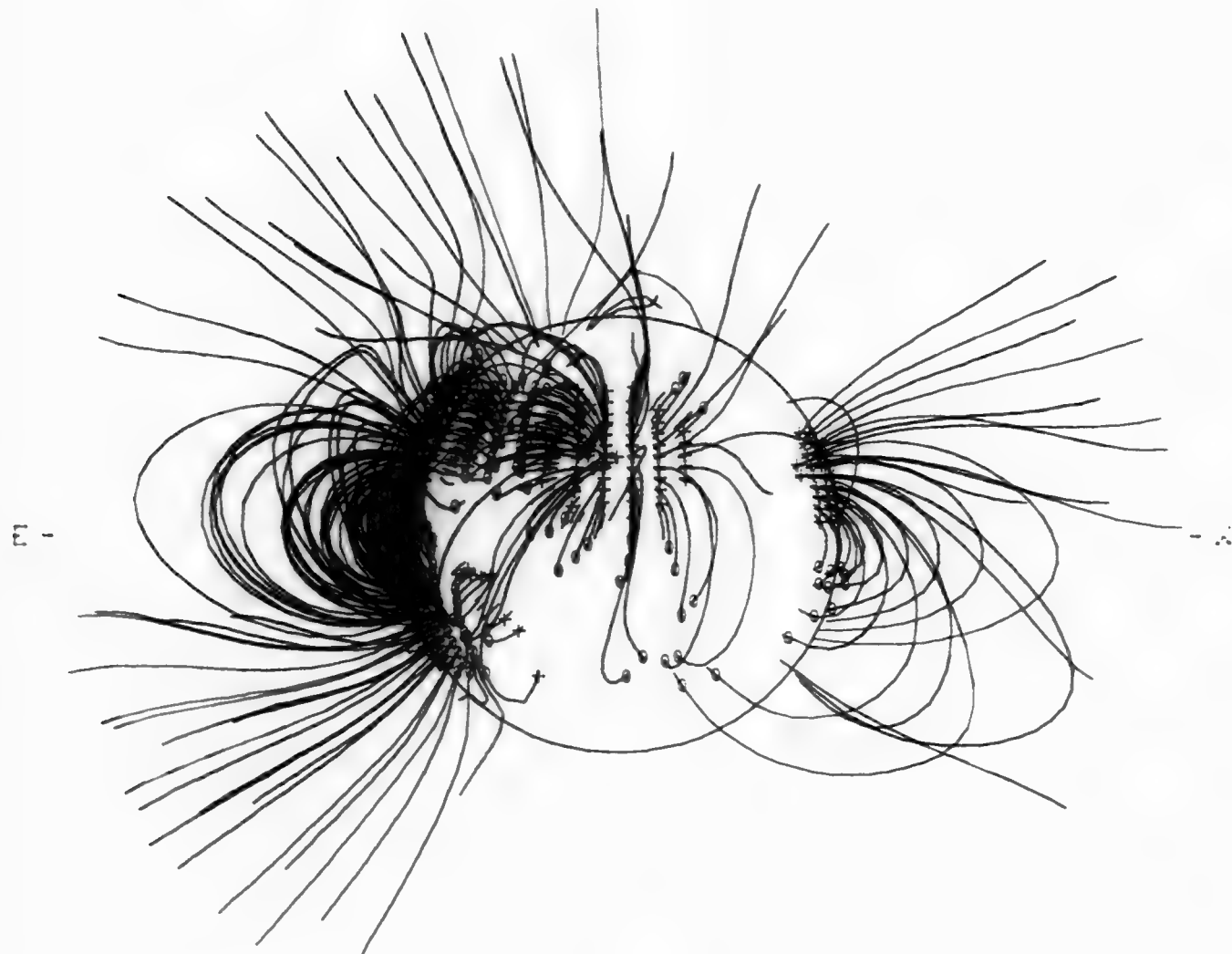
HALE OBSERVATORY

S

HALE OBSERVATORY

HALE OBSERVATORY

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

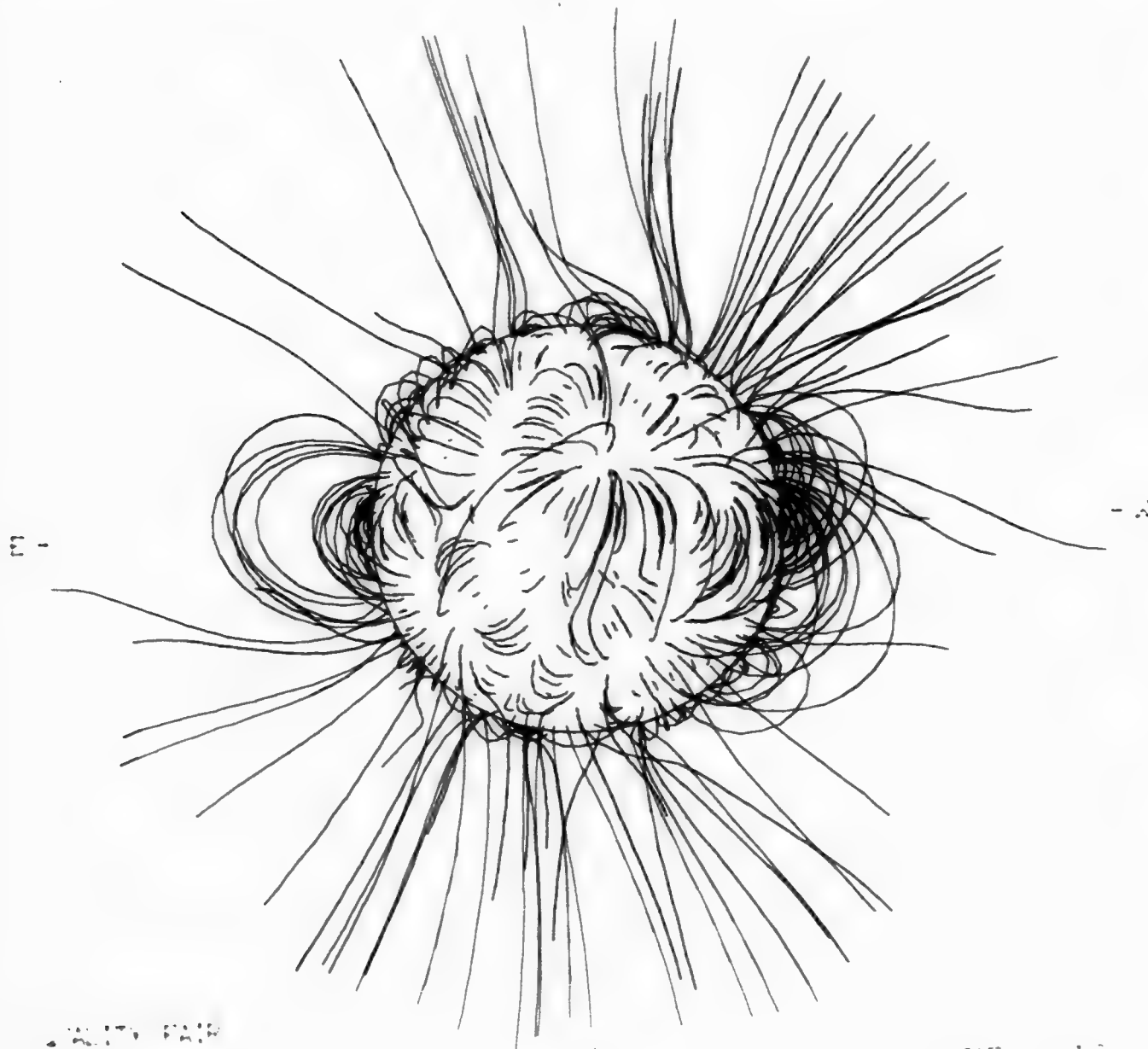
FILED DIRECT

DATA JAN 15 1957

FEB 15 1957

FEB 15 1957

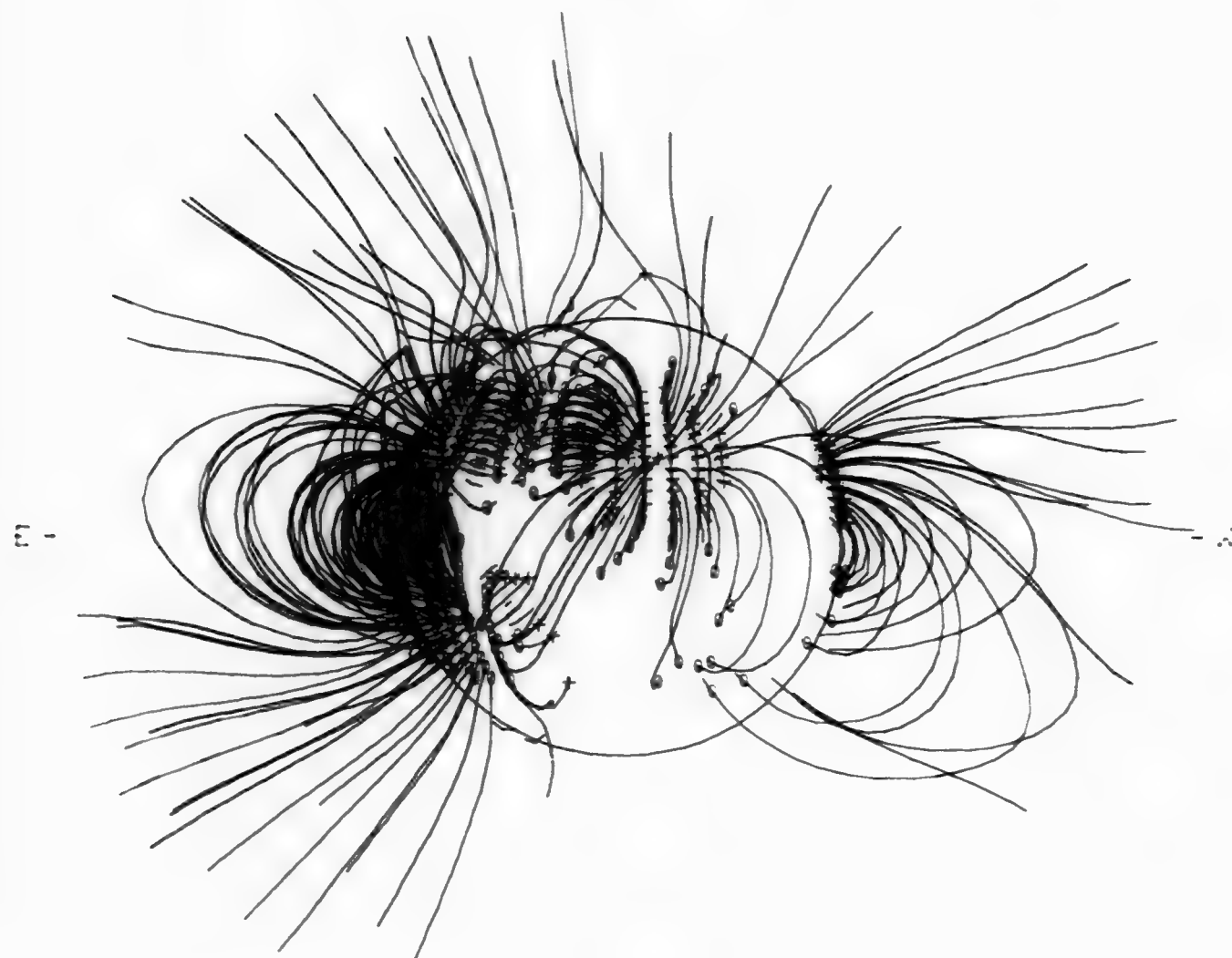
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY PAIR
FILES DIRECT
DATA AREA 1000.00

207.1817 1000.00
21.8 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

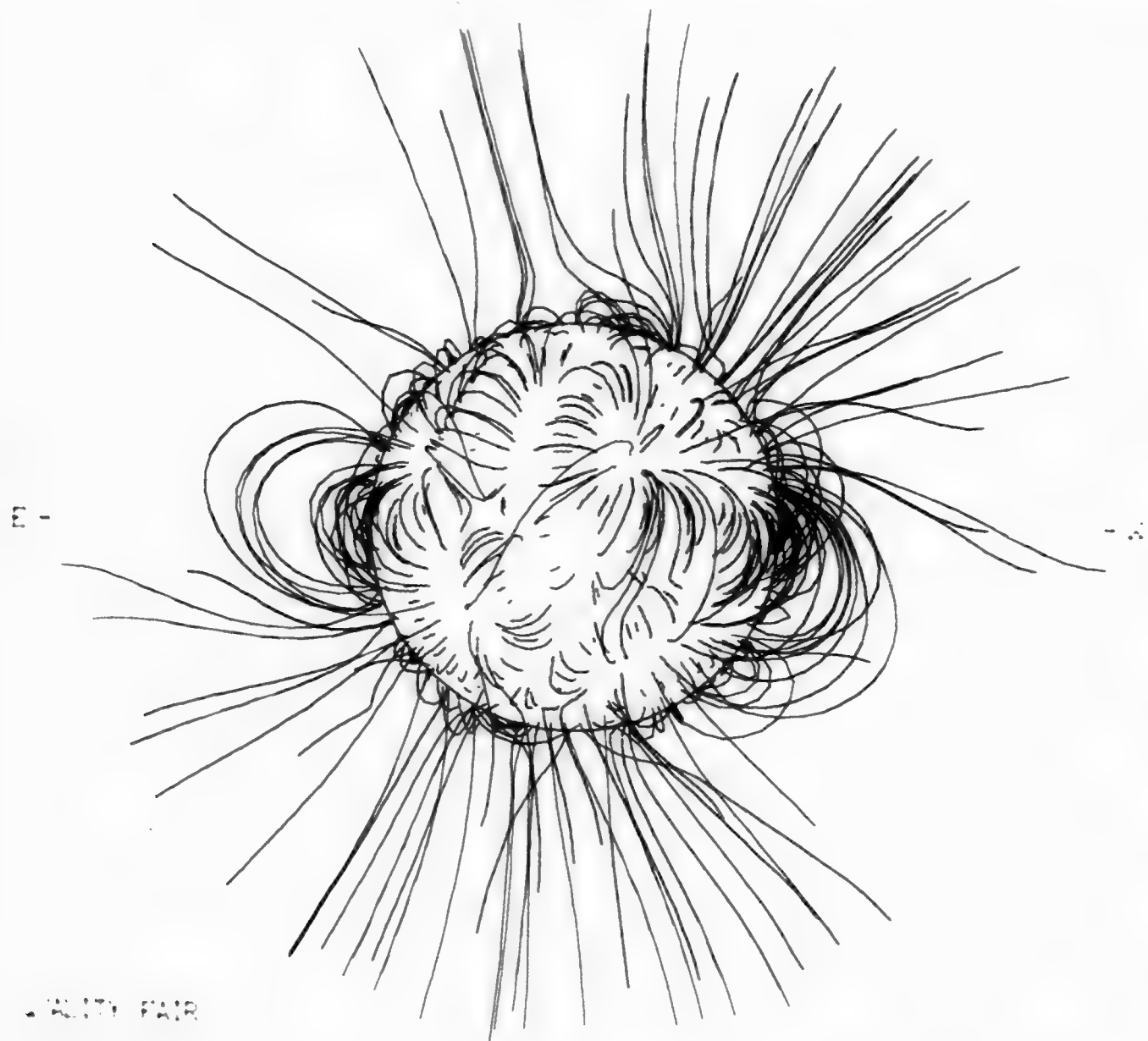
POLES DIRECT

DATA WIND IN 1957.00

1957.00 1957.00

1957.00 1957.00

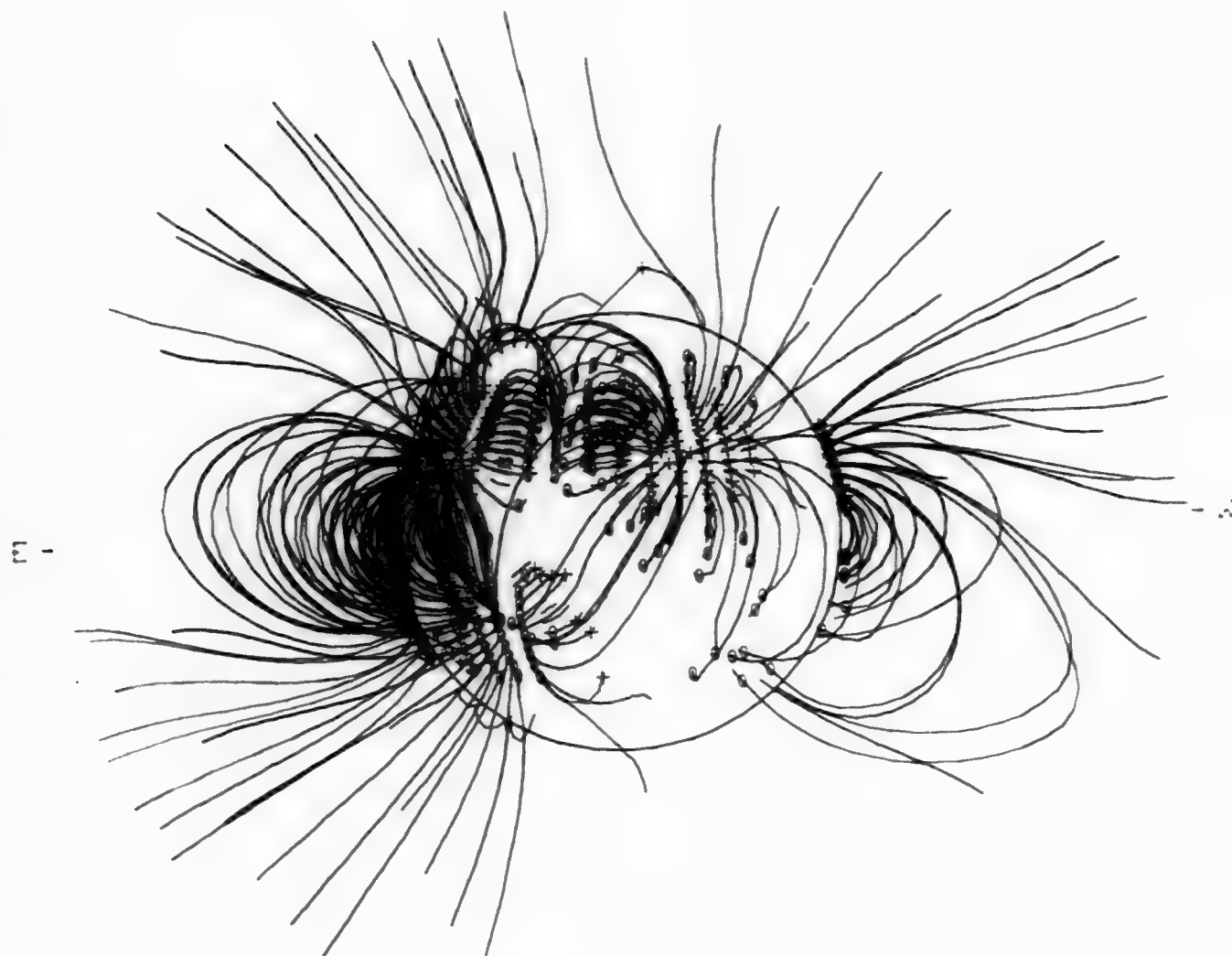
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1517.47

RUT. 1517 1113. 1°
22.5 FEB 1987

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



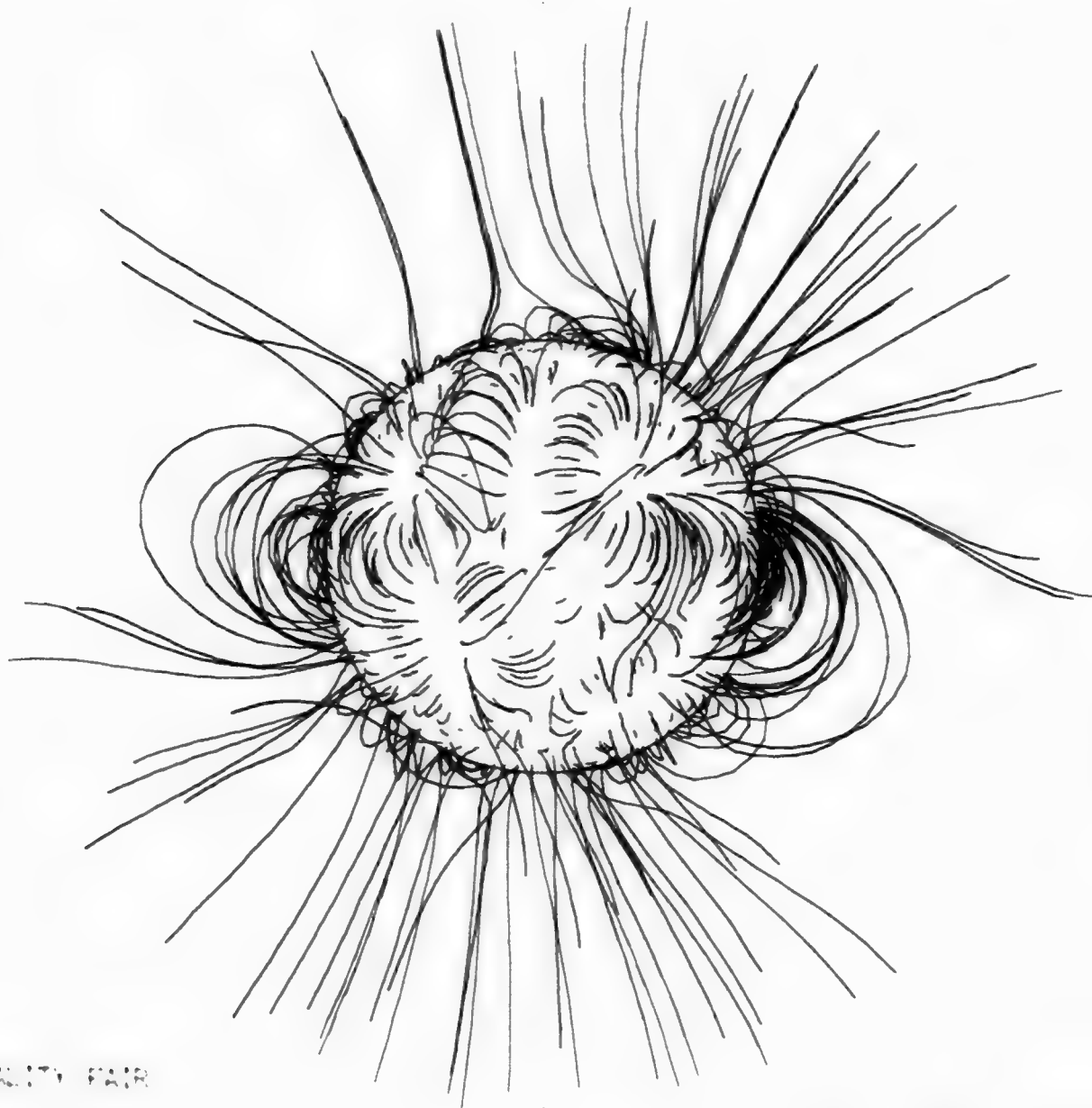
QUALITY FAIR
 POLES DIRECT
 DATA WINDOW 1517.5"

S

5.7. '57 11.0. 1°
 22.6 FEB 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

7 -



8 -

QUALITY FAIR

POLES DIRECT

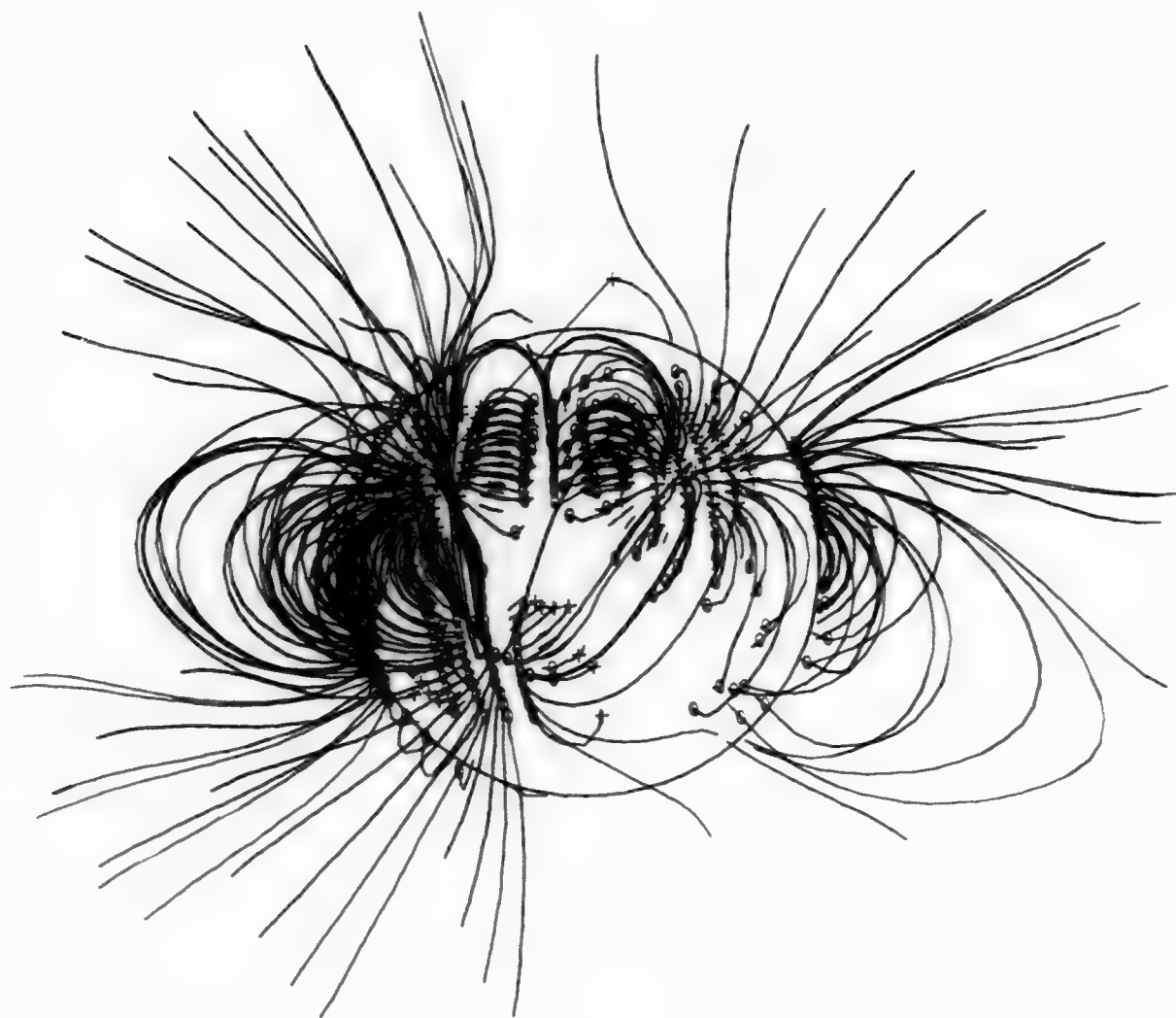
DATA MINOR 1500,000

5

R.T. 1515 L.T. 1515

23.3 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

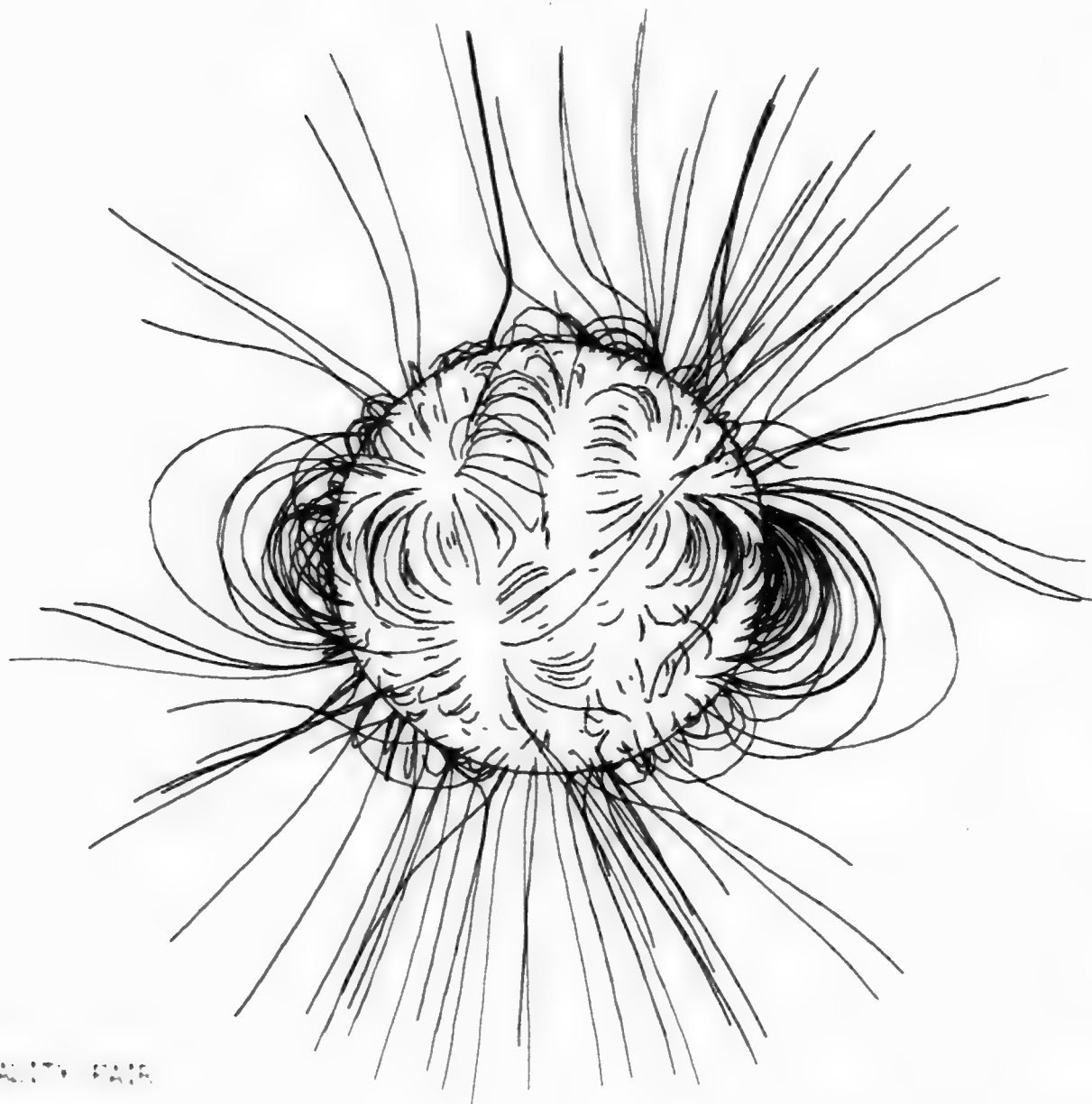


QUALITY FAIR
POLES DIRECT
DATA AND IN 1577.47

9.7. 1518 1013. 301
23.5 FEB 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

17



18

QUALITY DATA

FILES DIRECT

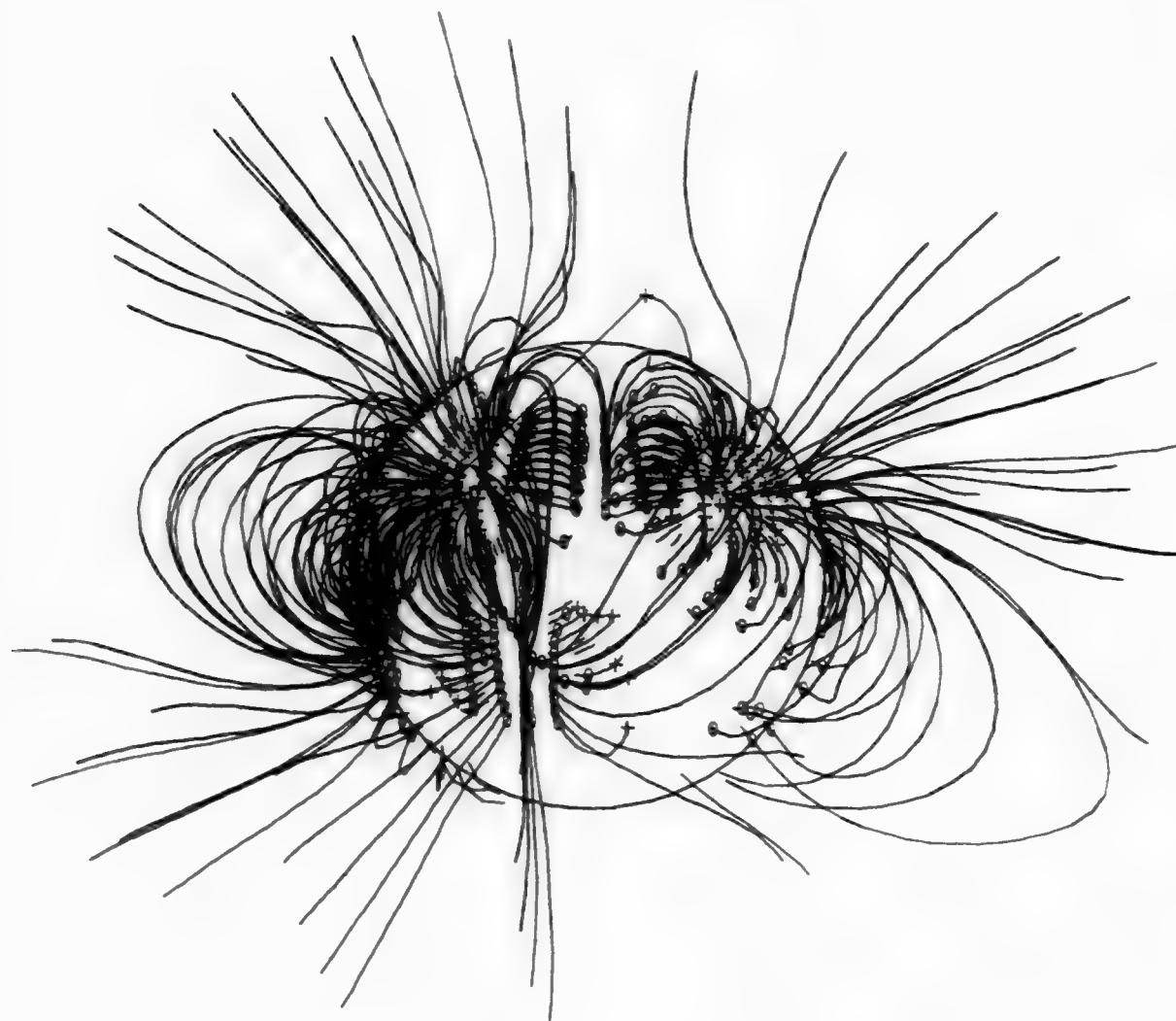
DATA WINDOW 1511.00

S

8.7. '58 11.0. 30.0

24.1 FEB 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

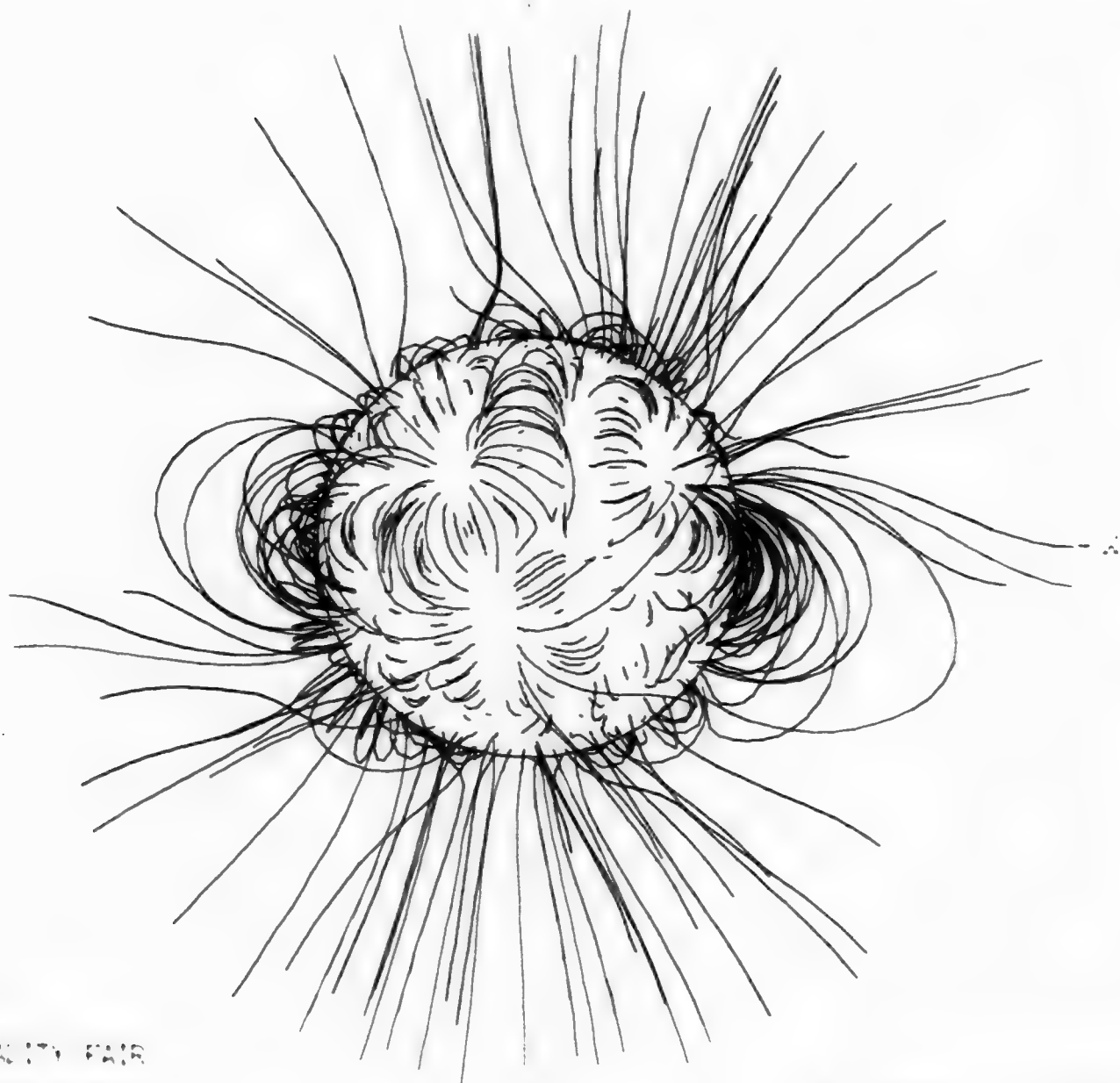


QUALITY FAIR
 RULES DIRECT
 DATA AND/OR '57, 58

5.7. '58 1.00. 3.00°
 28.1 FEB 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

17



QUALITY FAIR

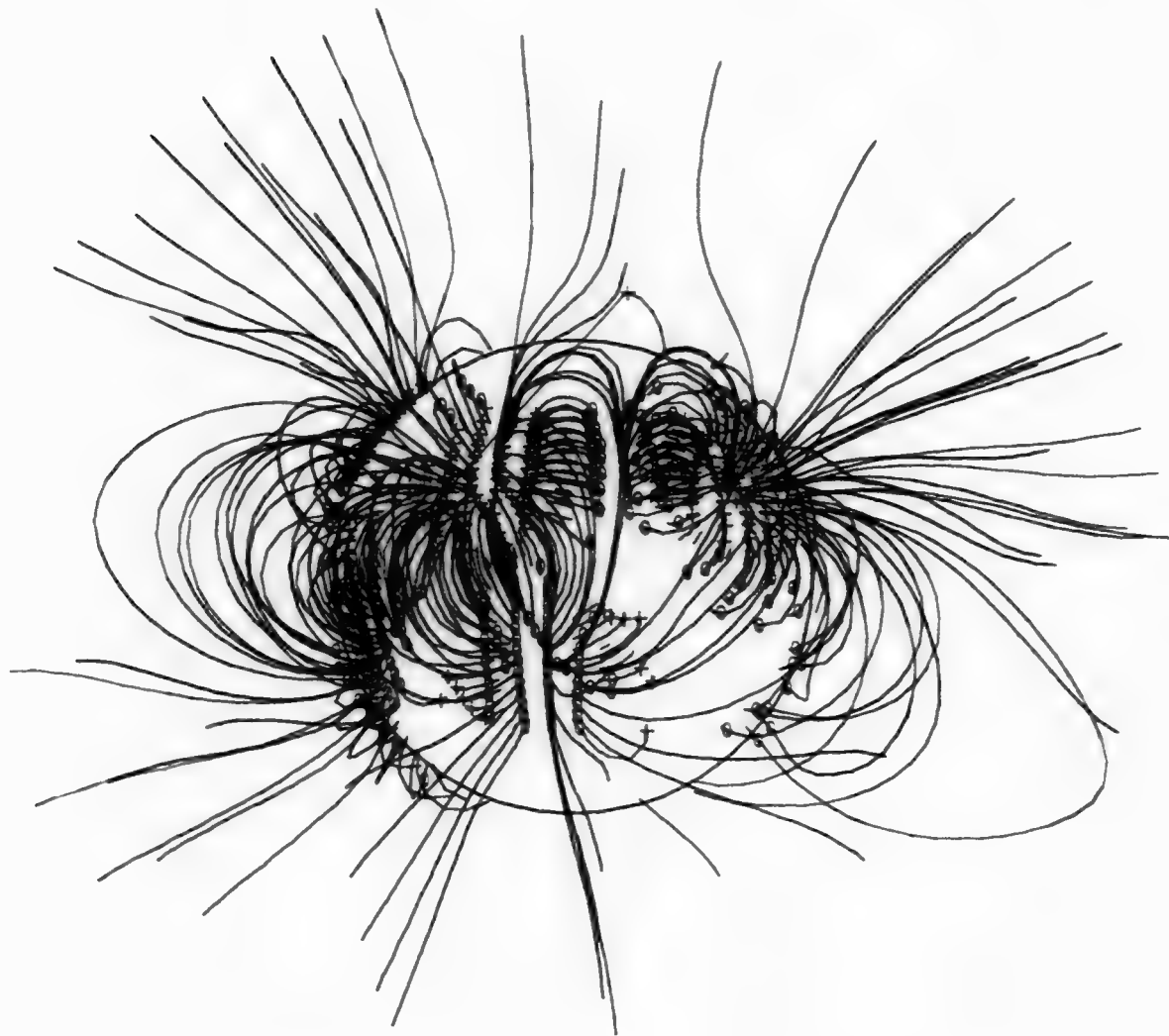
FILES DIRECT

DATA WINDOW 1517.47

8.7. '58 110. 55'

24.4 FEB 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

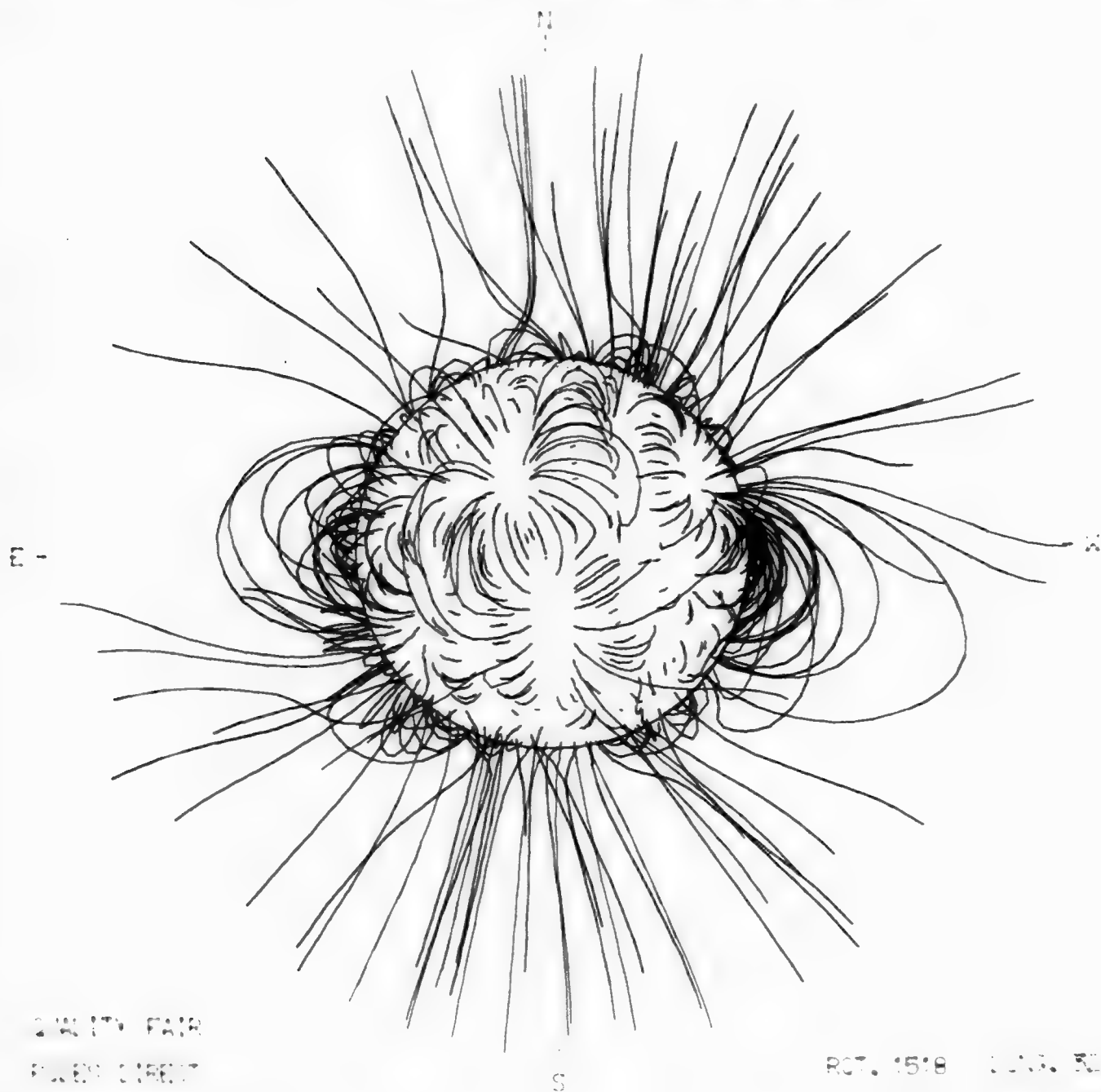
DATA AREA 1511.0"

S

EST. 1518 LING. 350°

24.1 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



21117 FAIR

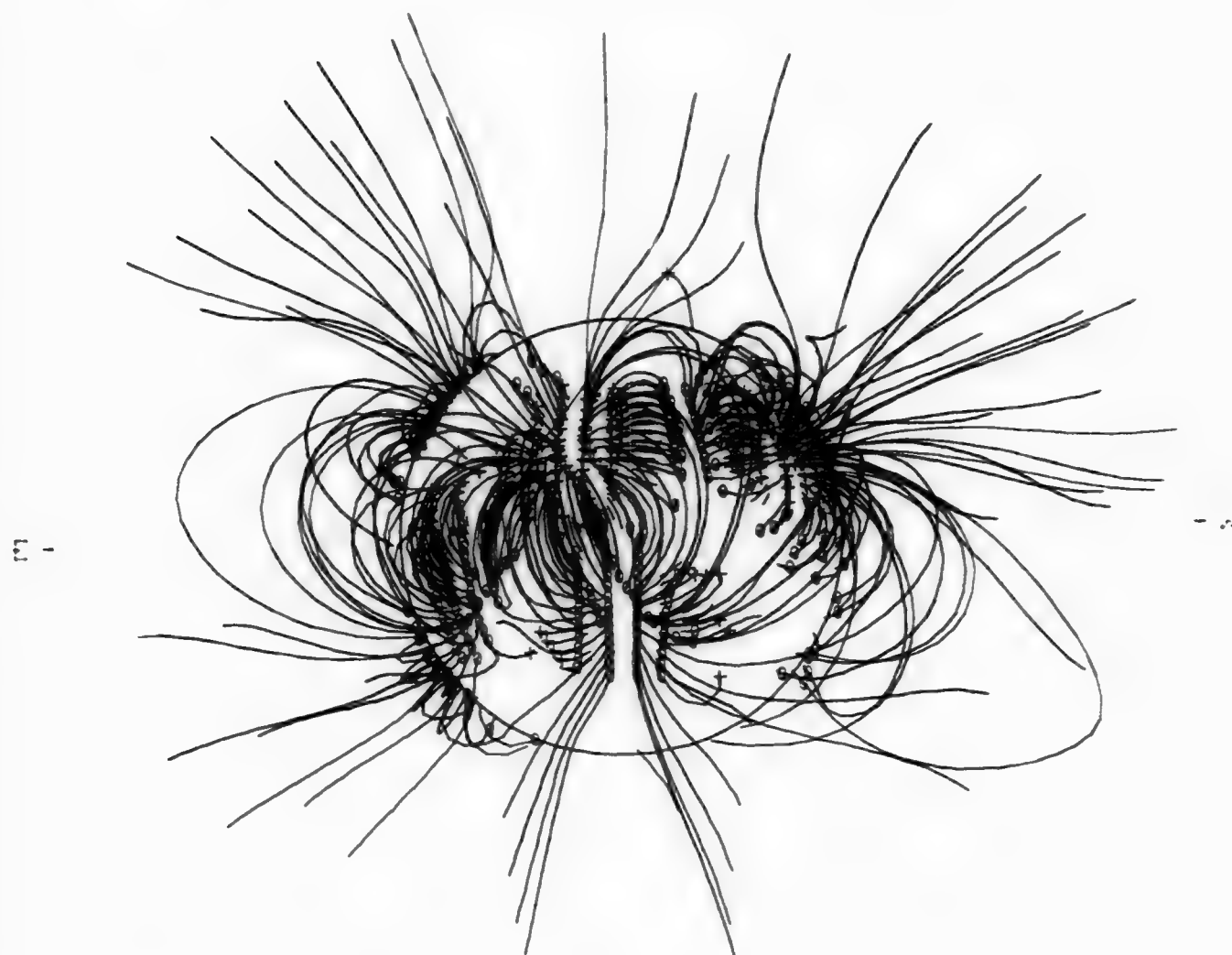
FAIR

DATA W/IN 1917.17

ROT. 1518 1113. 300°

25.6 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1517.47

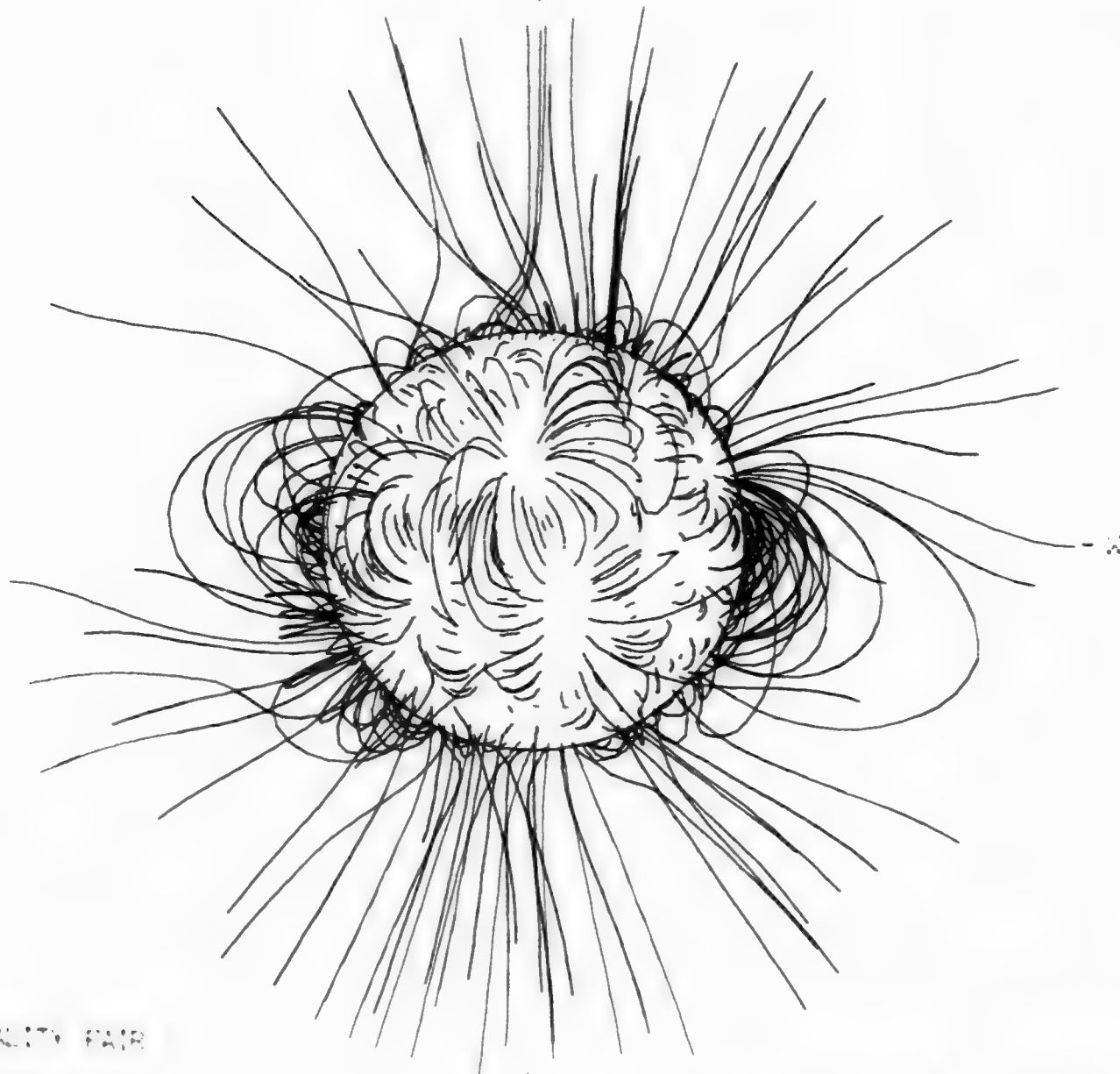
S

ROT. 1518 2013. 300°

25.6 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



- 8

QUALITY FAIR

POWER CURRENT

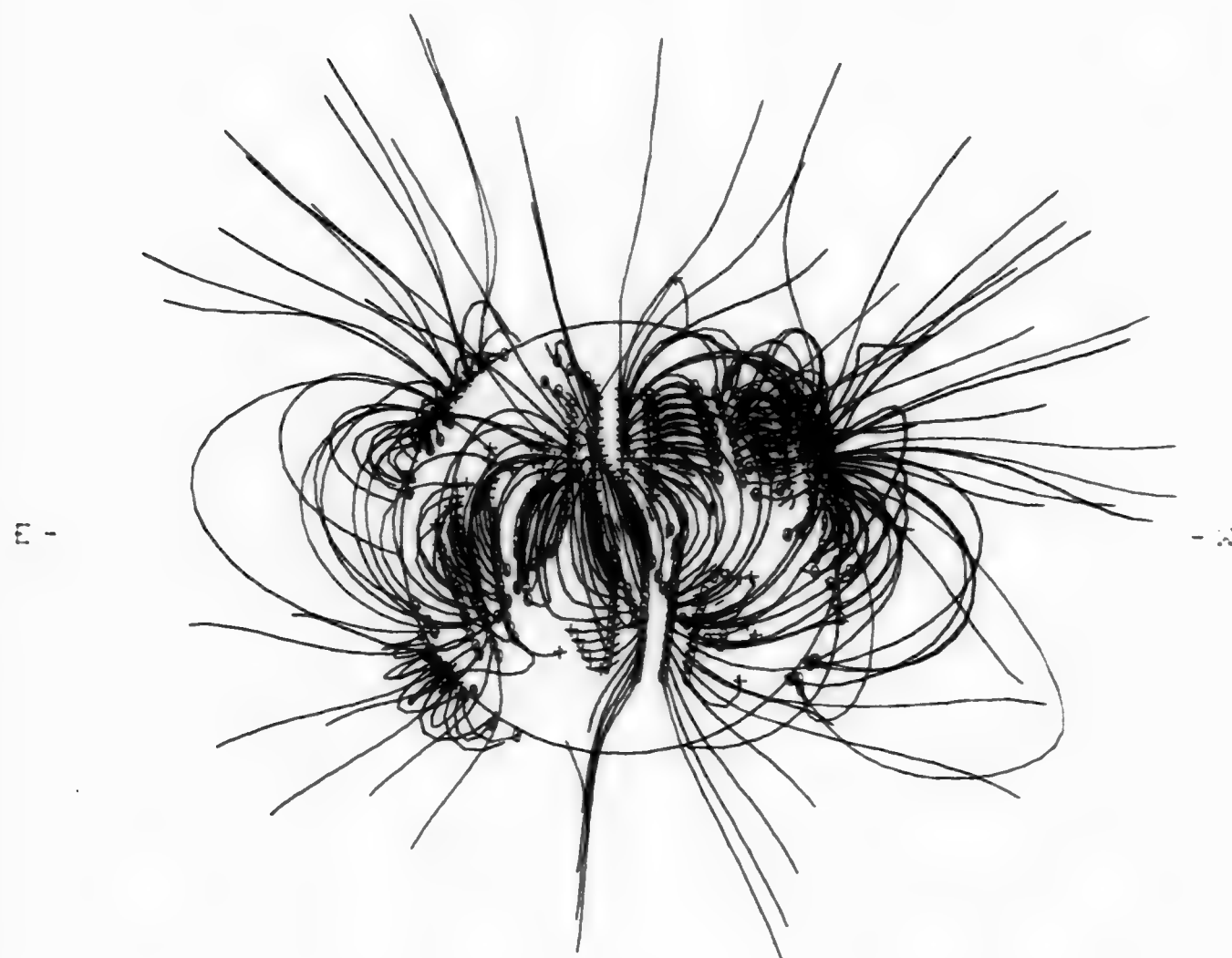
DATA AND/OR INSTRUMENT

S

PUT. 1516 JUN. 1967

25.4 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

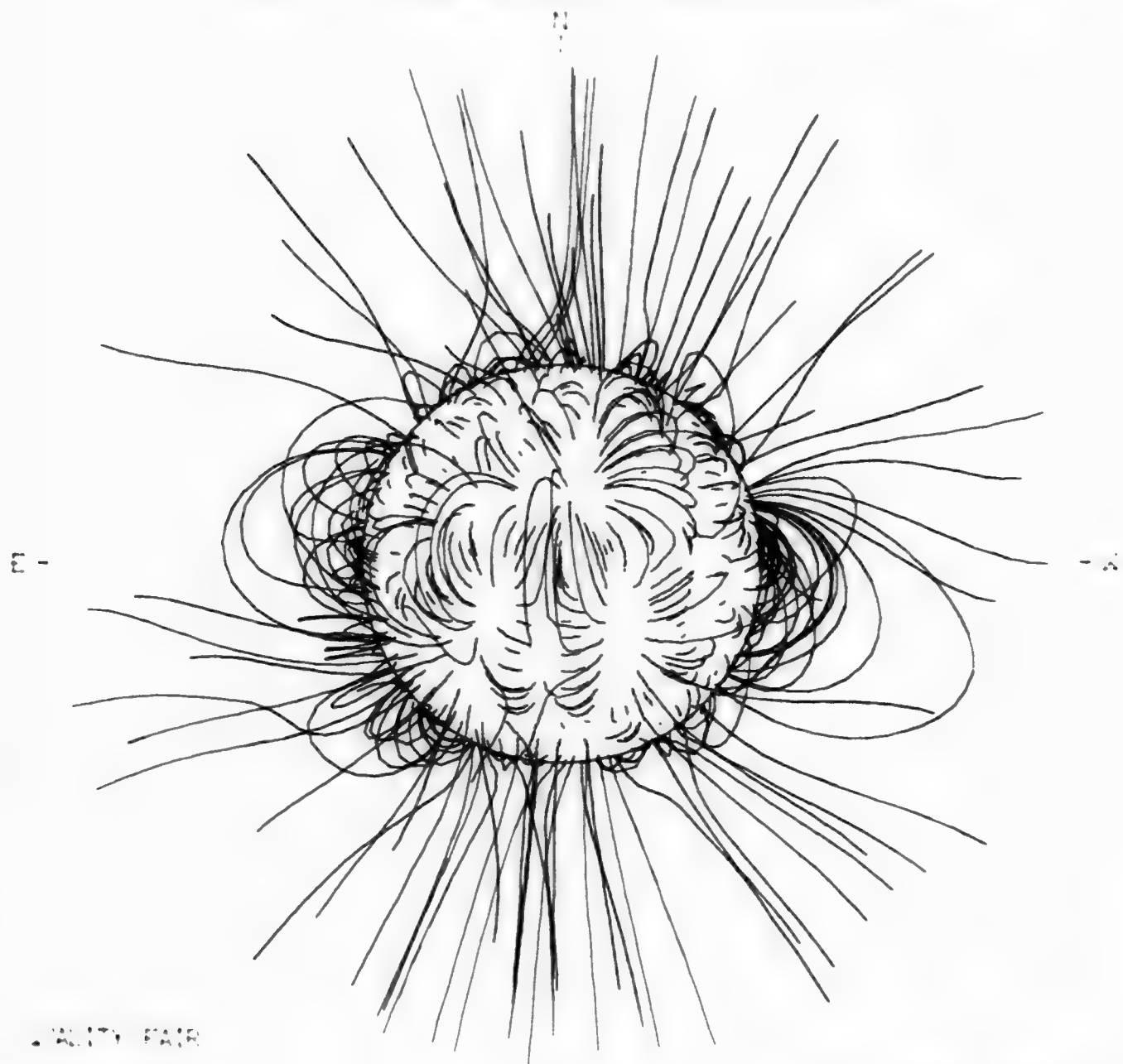
DATA AREA IN 1517.47

S

8.7. 1518 1.1. 1.1

25.4 FEB 1977

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA ANGLE 150°, 57°

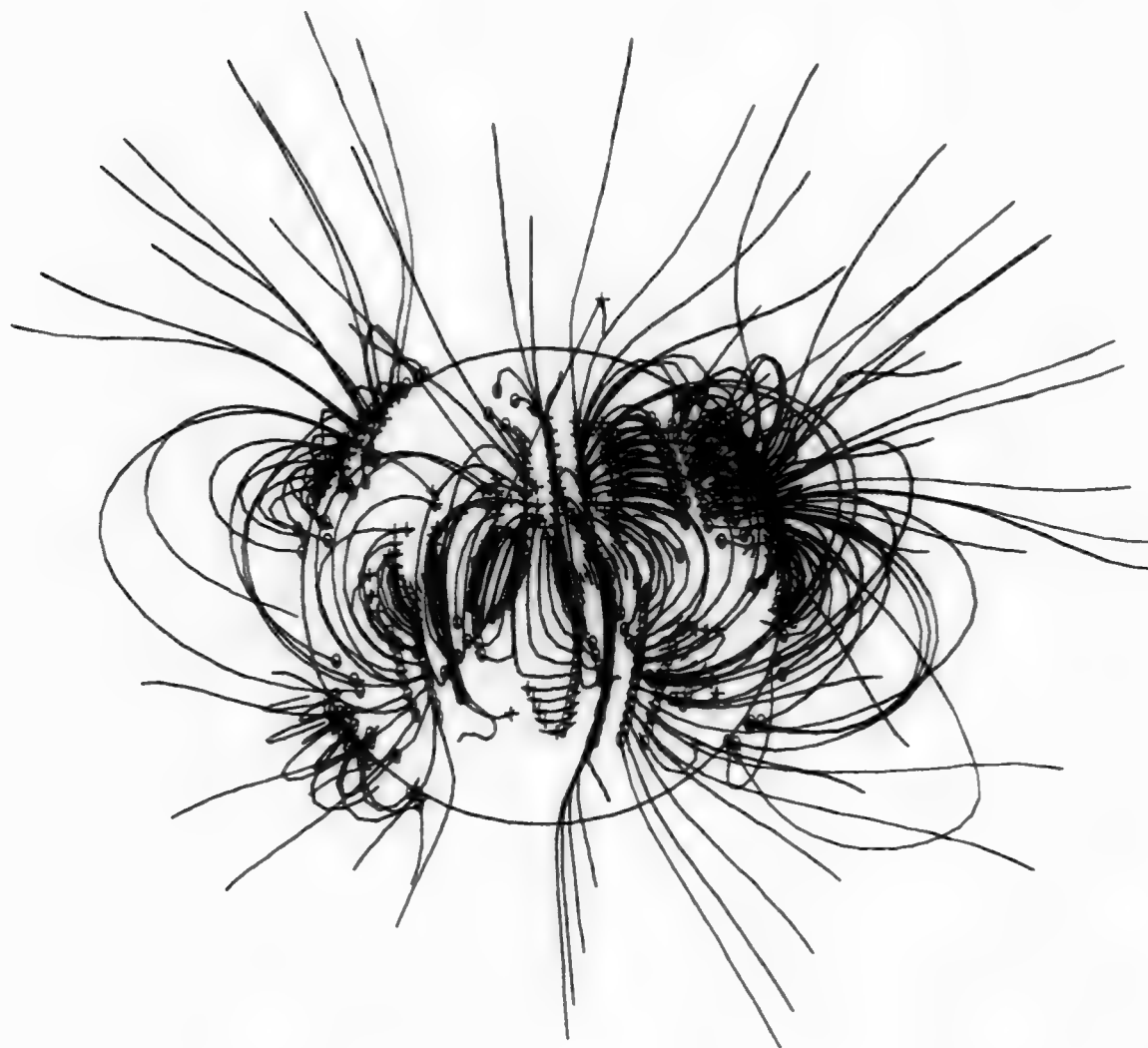
5.7. 1518 100. 300°

27. FEB 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N

E -



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1517.47

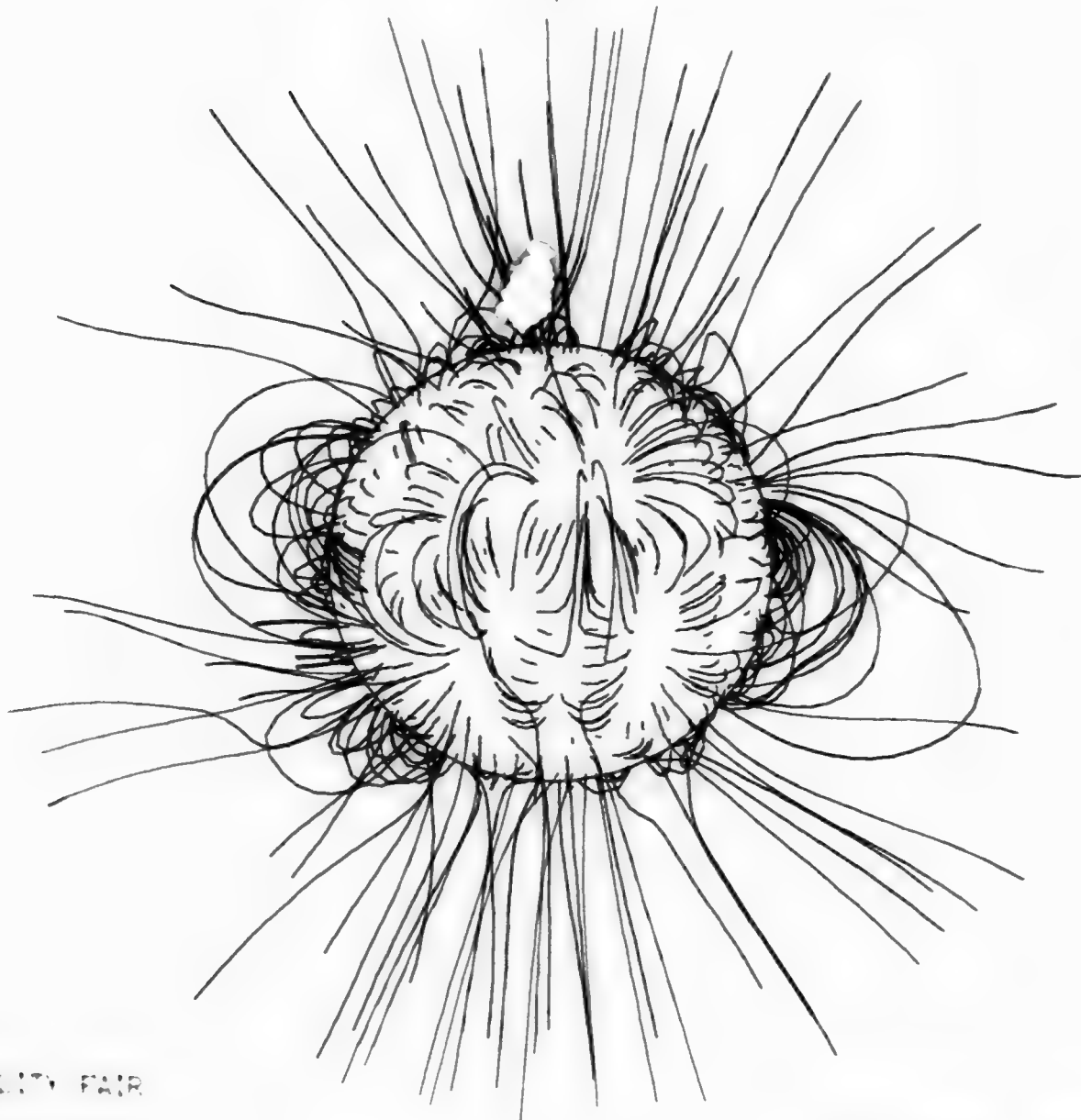
S

807.1518 1113.311°

27.1 FEB 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

7 -



QUALITY FAIR

FILES DIRECT

DATA WINDOW 1517.47

S

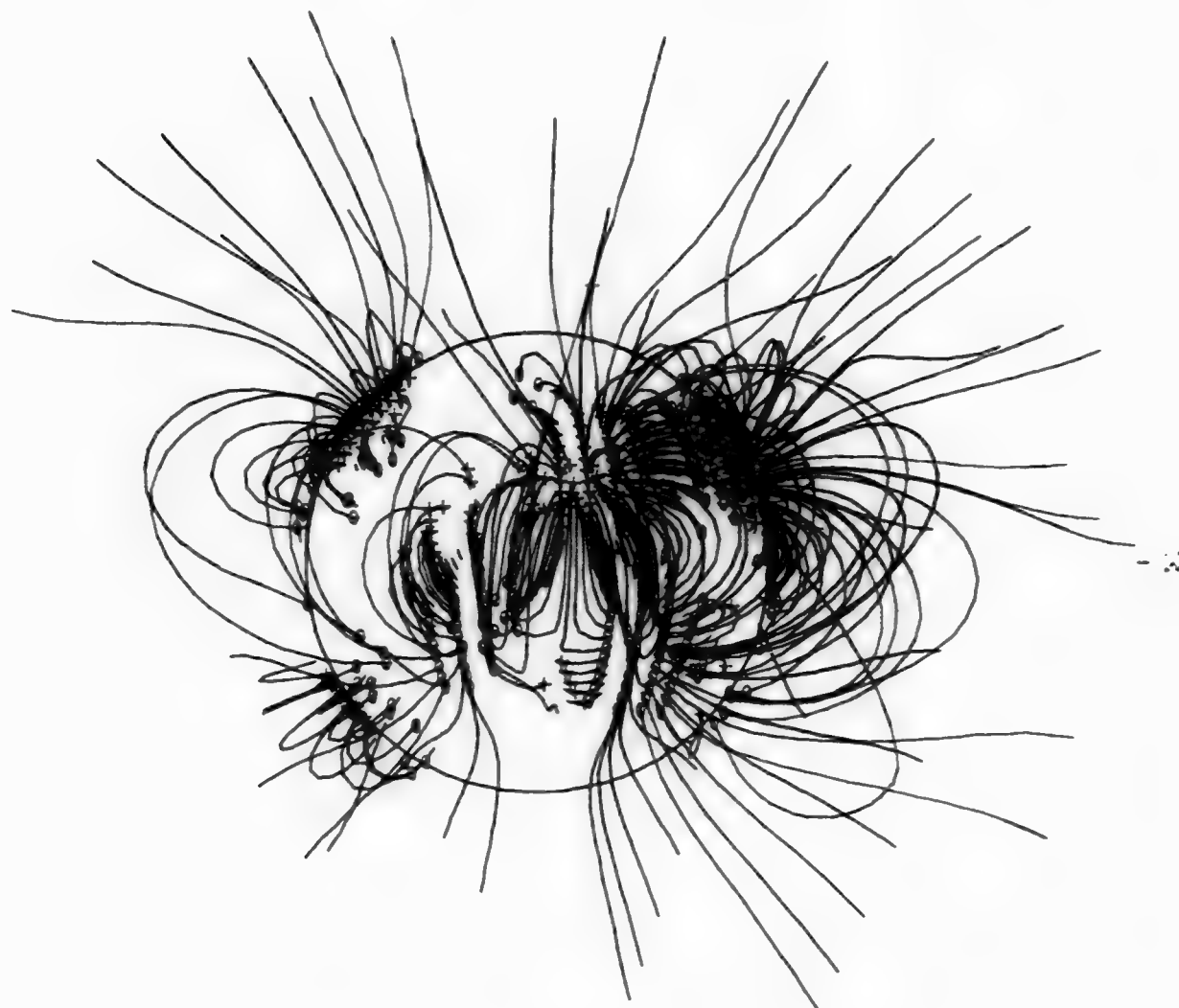
807.1518 1111.141

27.9 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

11
1

E -



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1517.47

1
S

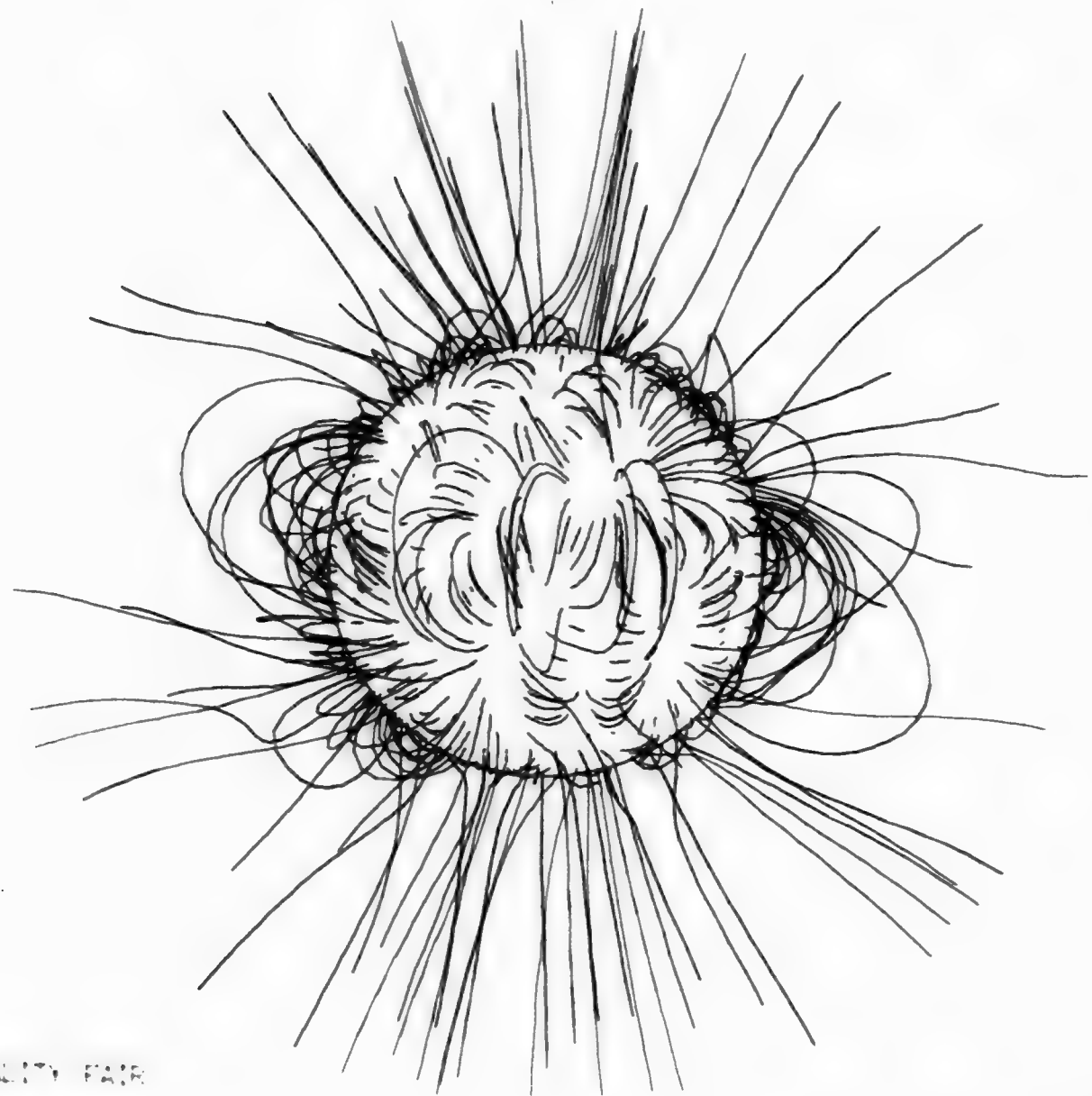
RLT. 1518 L10. 201°

27.9 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

17

18



QUALITY FAIR

POLE DIRECT

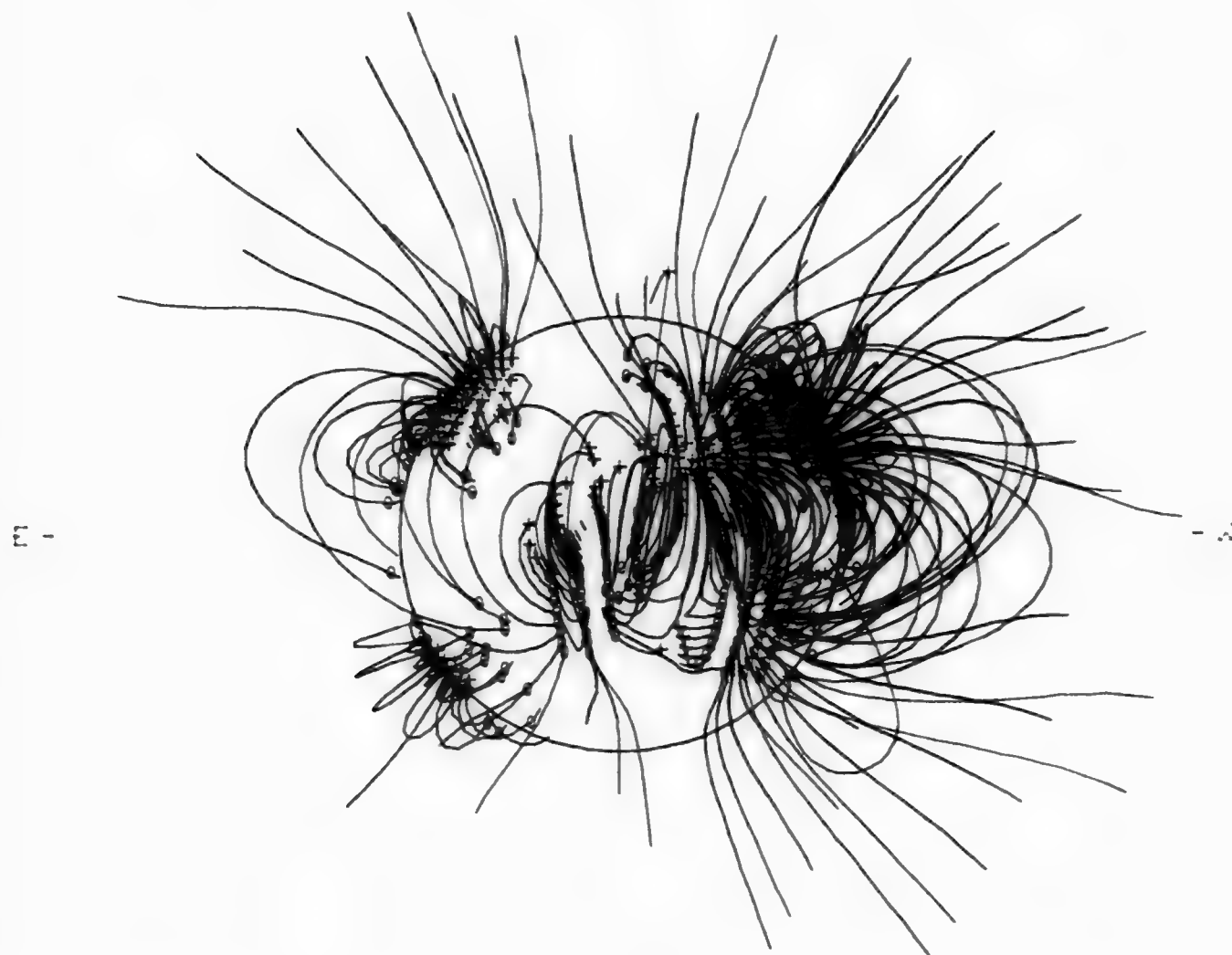
DATA WINDOW 1511.47

S

RUT. 1518 1010. 240°

28.6 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

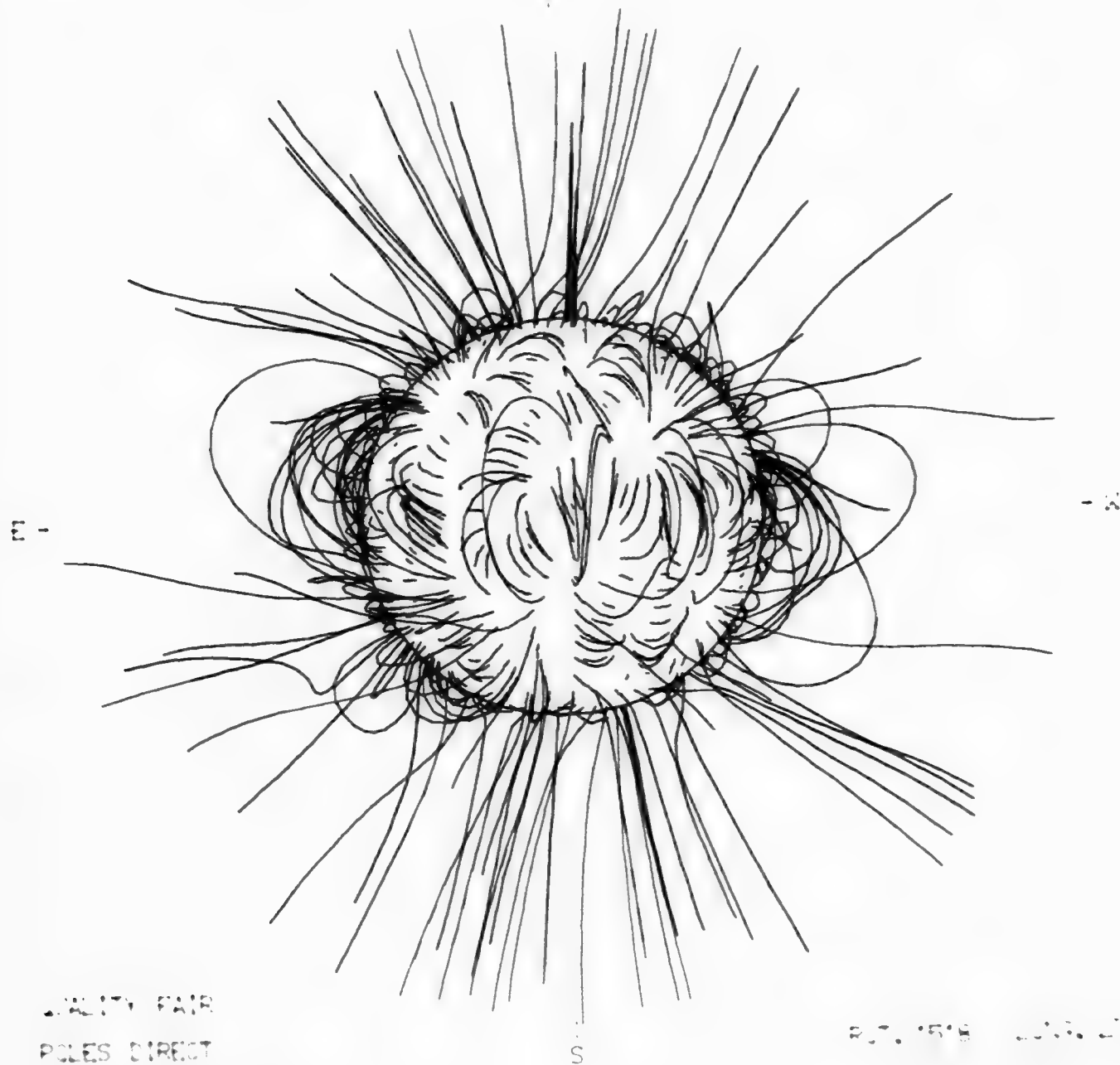
DATA WINDUP 1517.47

1
S

RUT. 1518 LING. 280°

28.6 FEB 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 POLES DIRECT
 DATA WINDOW 1517.47

RJ. 1518 1000. 1000
 1000 1000 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

PALES DIRECT

DATA WIDE IN 15° 15'

1
5

2.7. 15'8 1000. 171°

1.4 1000 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

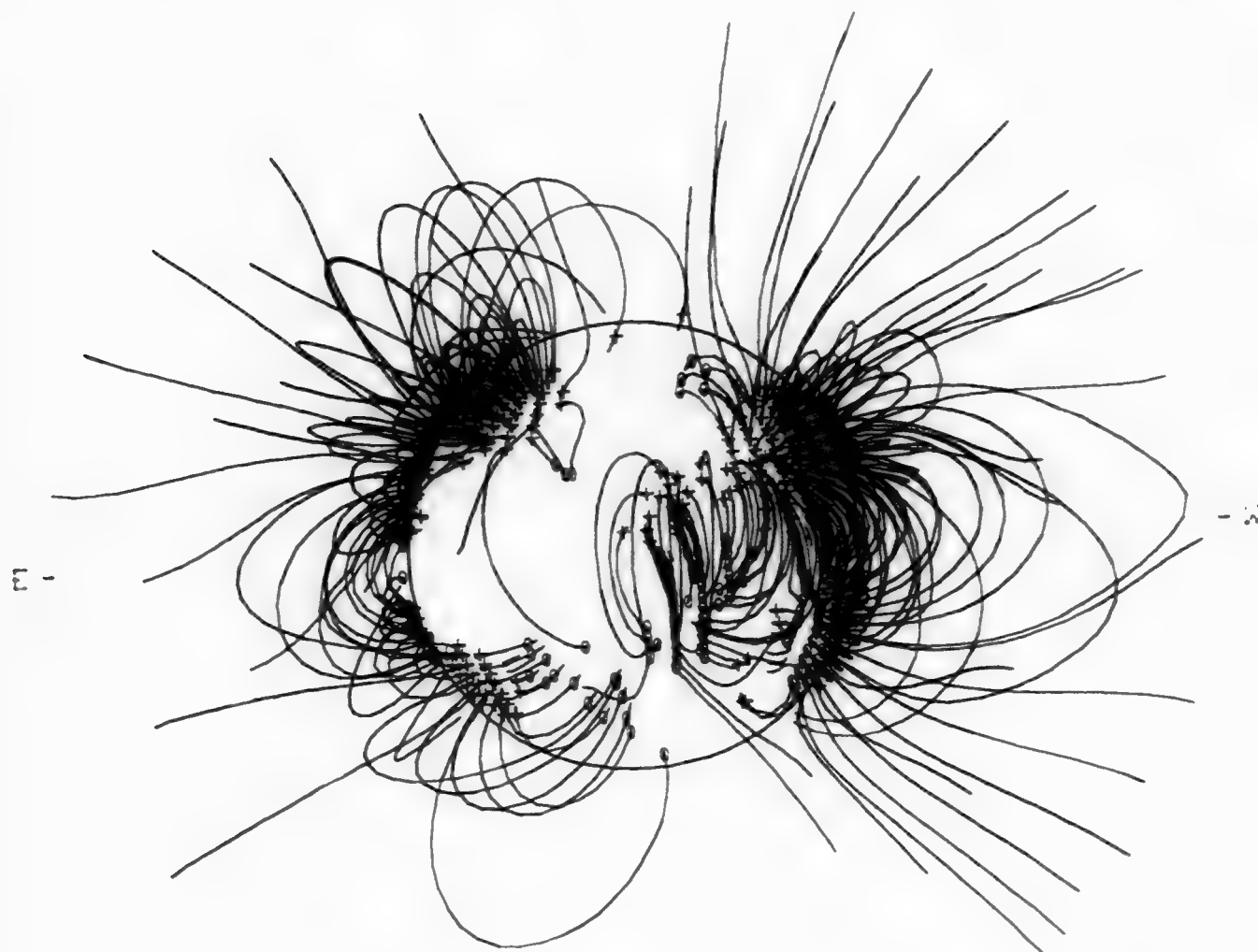


HALE FAIR
POLES DIRECT
DATA WINDOW 1518.00

S

HALE FAIR 1518.00
DATA WINDOW 1518.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

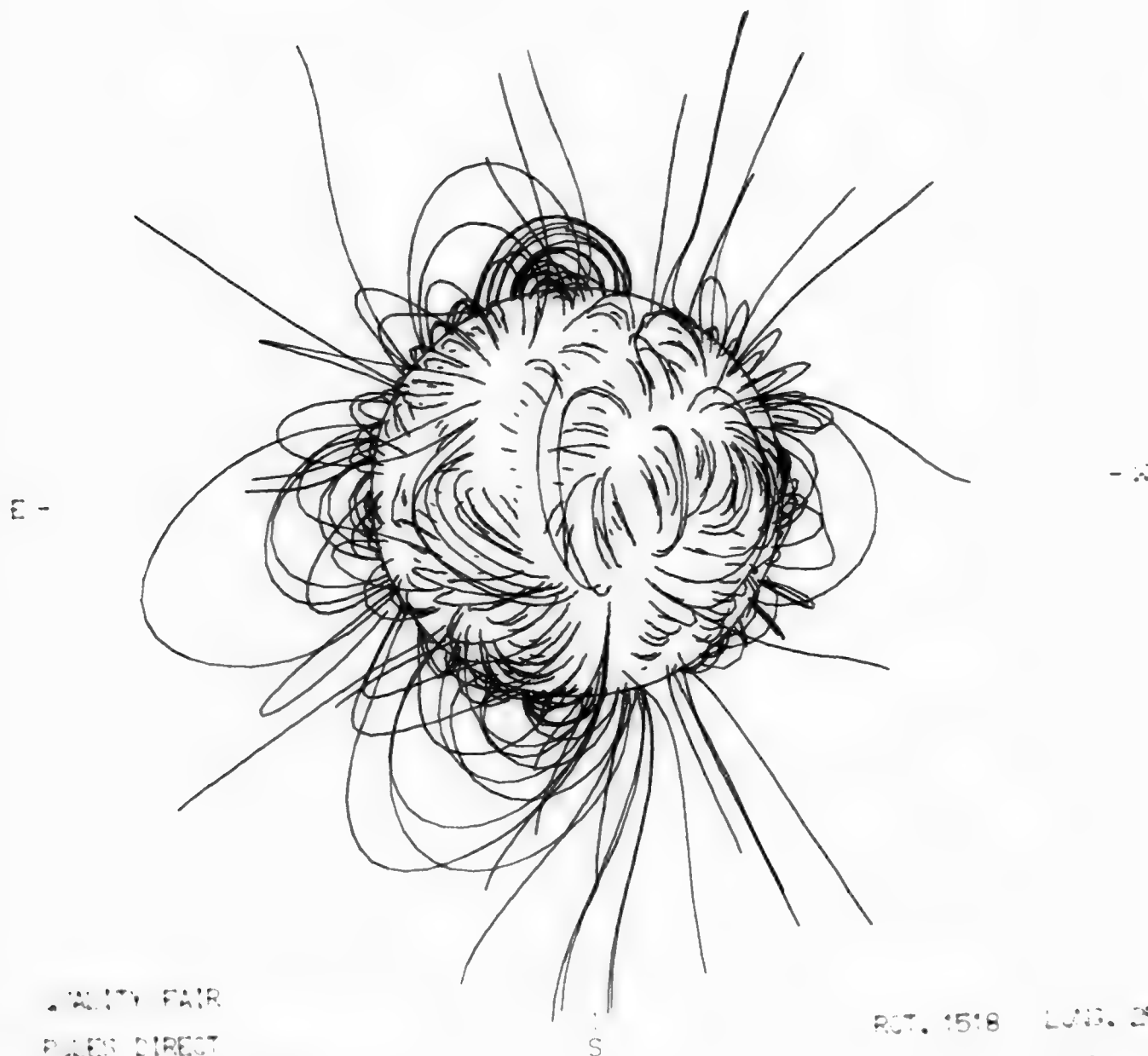


QUALITY FAIR
FILES DIRECT
DATA WINDOW 1518.00

S

RPT. 1974 1000.00
DATE 1974 1000

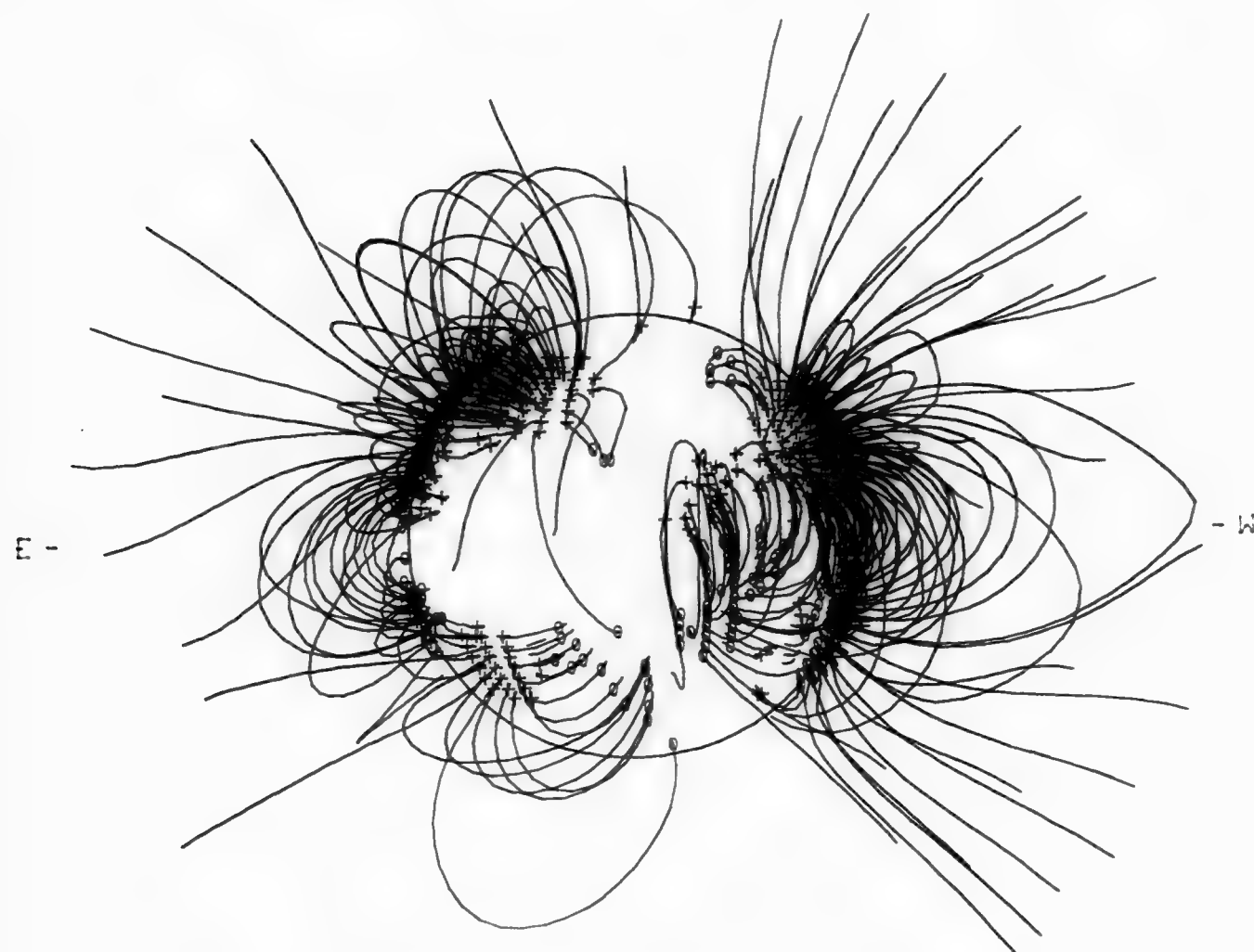
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
FILES DIRECT
DATA WIND 1518.00

RCT. 1518 LONG. 250°
2.9 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1518.00

1
S

ROT. 1518 LONG. 250°

2.9 MAR 1967

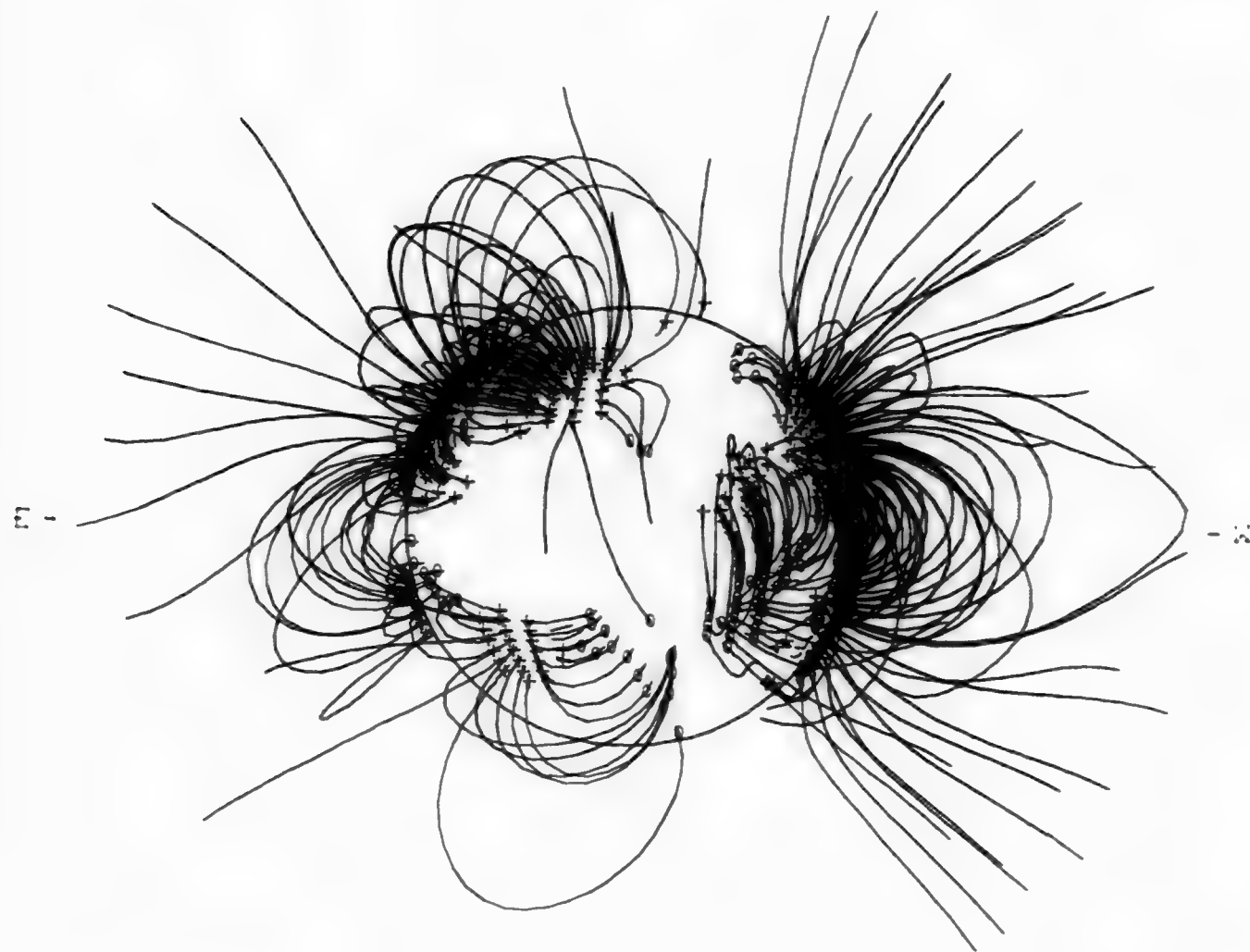
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 PILES DIRECT
 DATA ANGLE 1518.00

ROT. 15° 8' 240° 240°
 3.7 MAR 1987

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

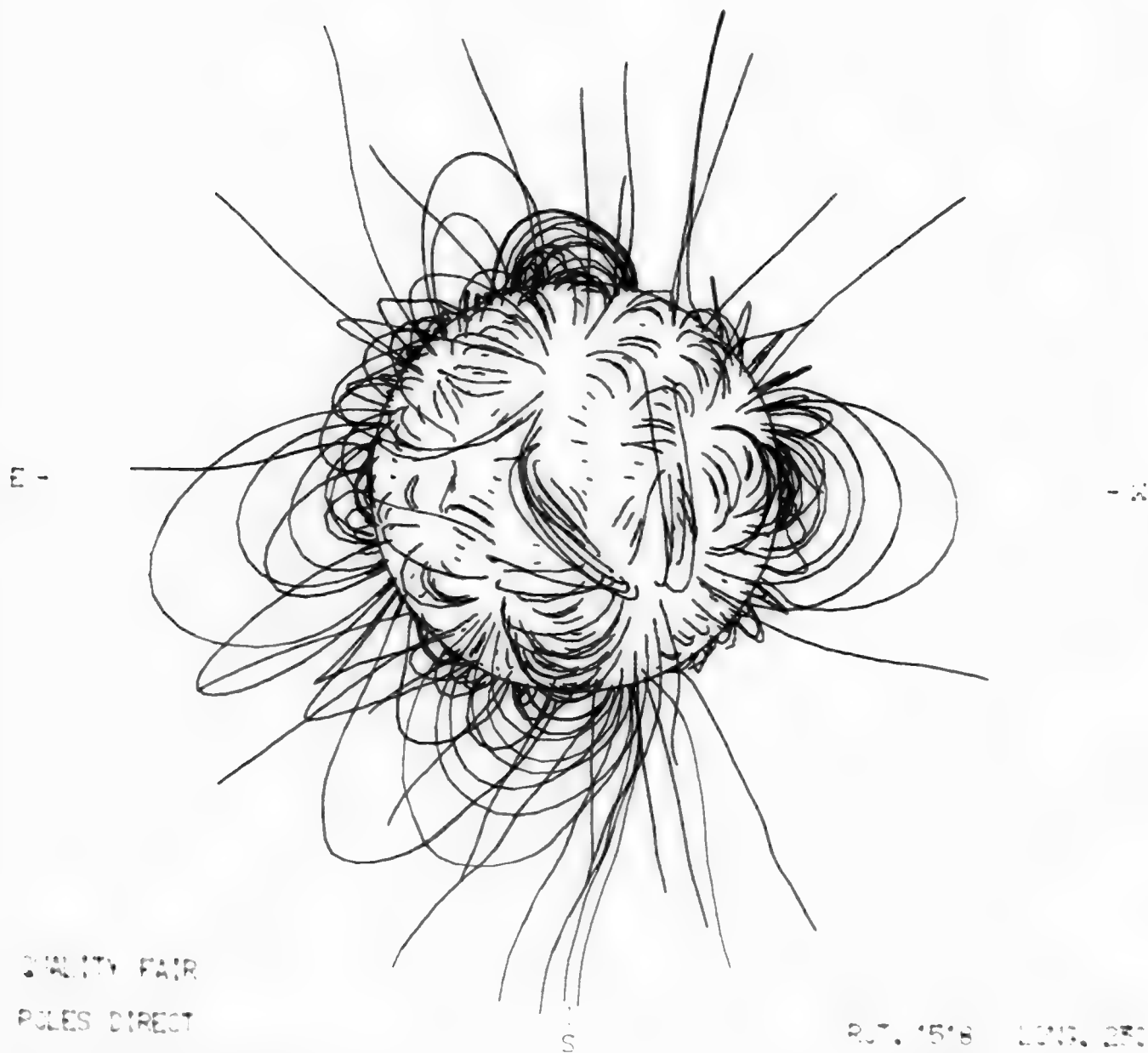


QUALITY FAIR
 POLES DIRECT
 DATA WINDOW 1518.00

1
 S

R.T. 15'8" L.10.241°
 3.7 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1518.00

RJT. 1518 LONG. 230°

4.5 1987 1987

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

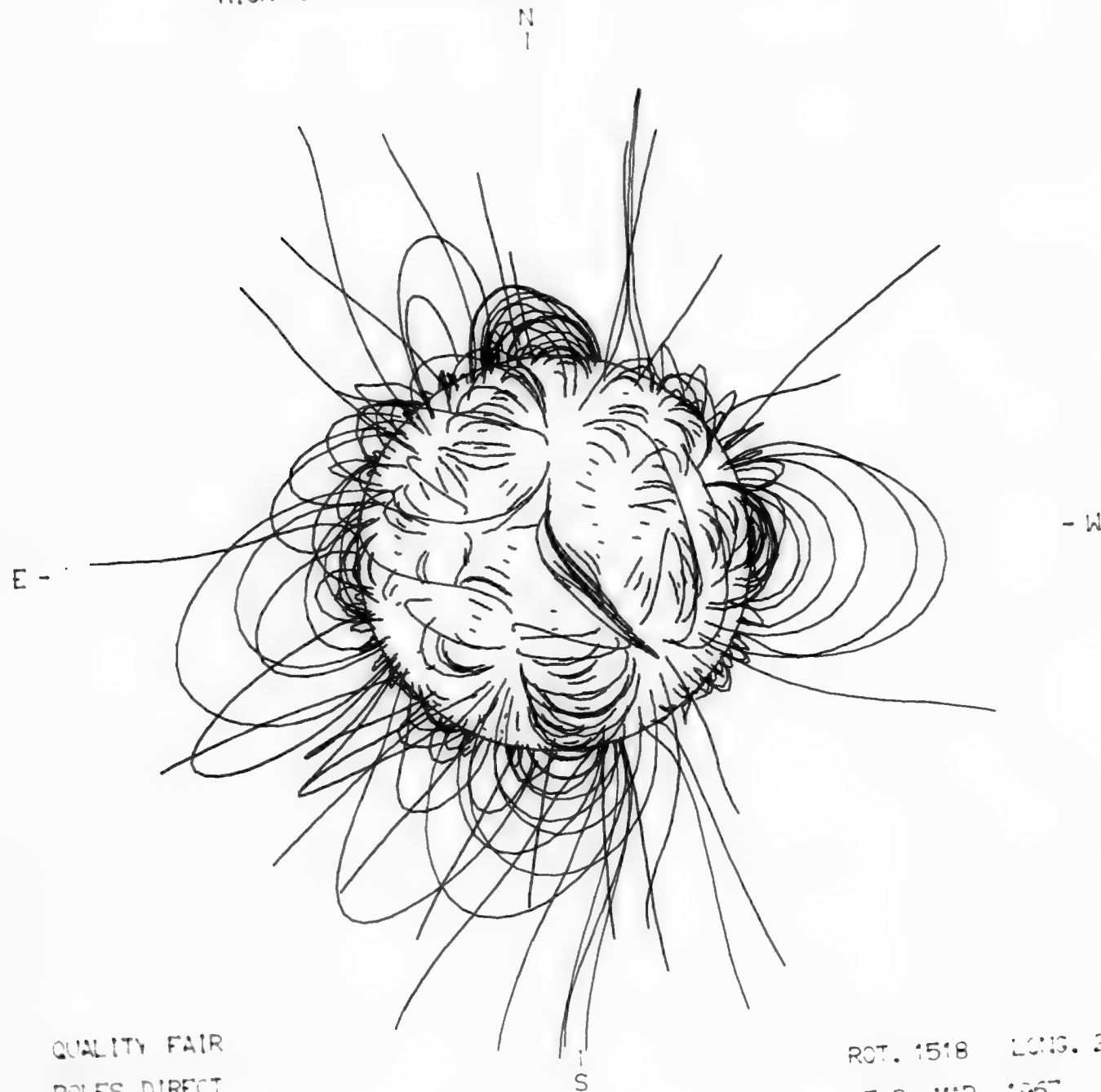
DATA WINDOW 1518.00

S

8.7. '54 1.13. 1.13'

4.5 MAR '57

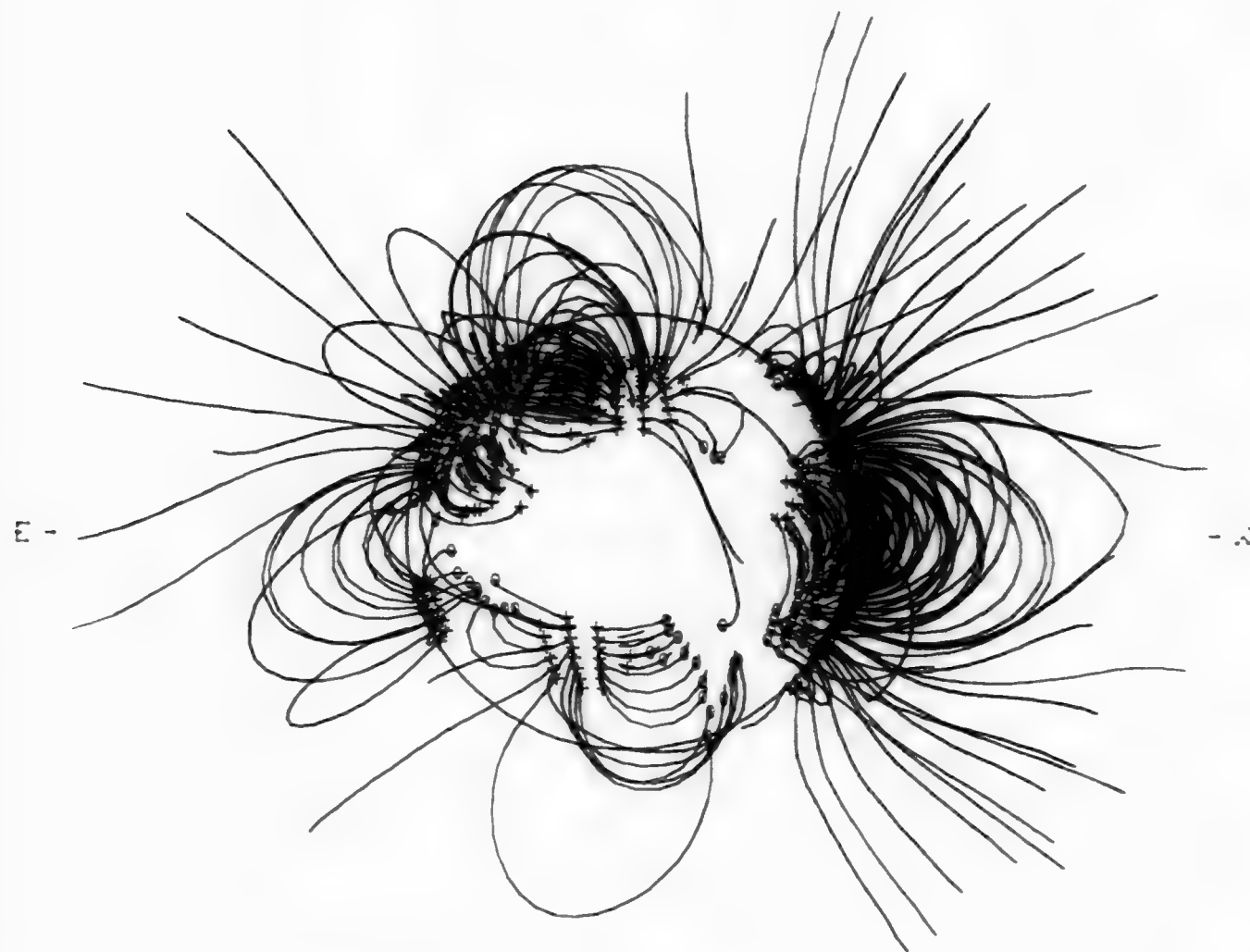
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1518.00

ROT. 1518 LONG. 220°
5.2 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

DATA APRIL 1518.00

S

ROT. 1518 1018. 111°

5.2 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

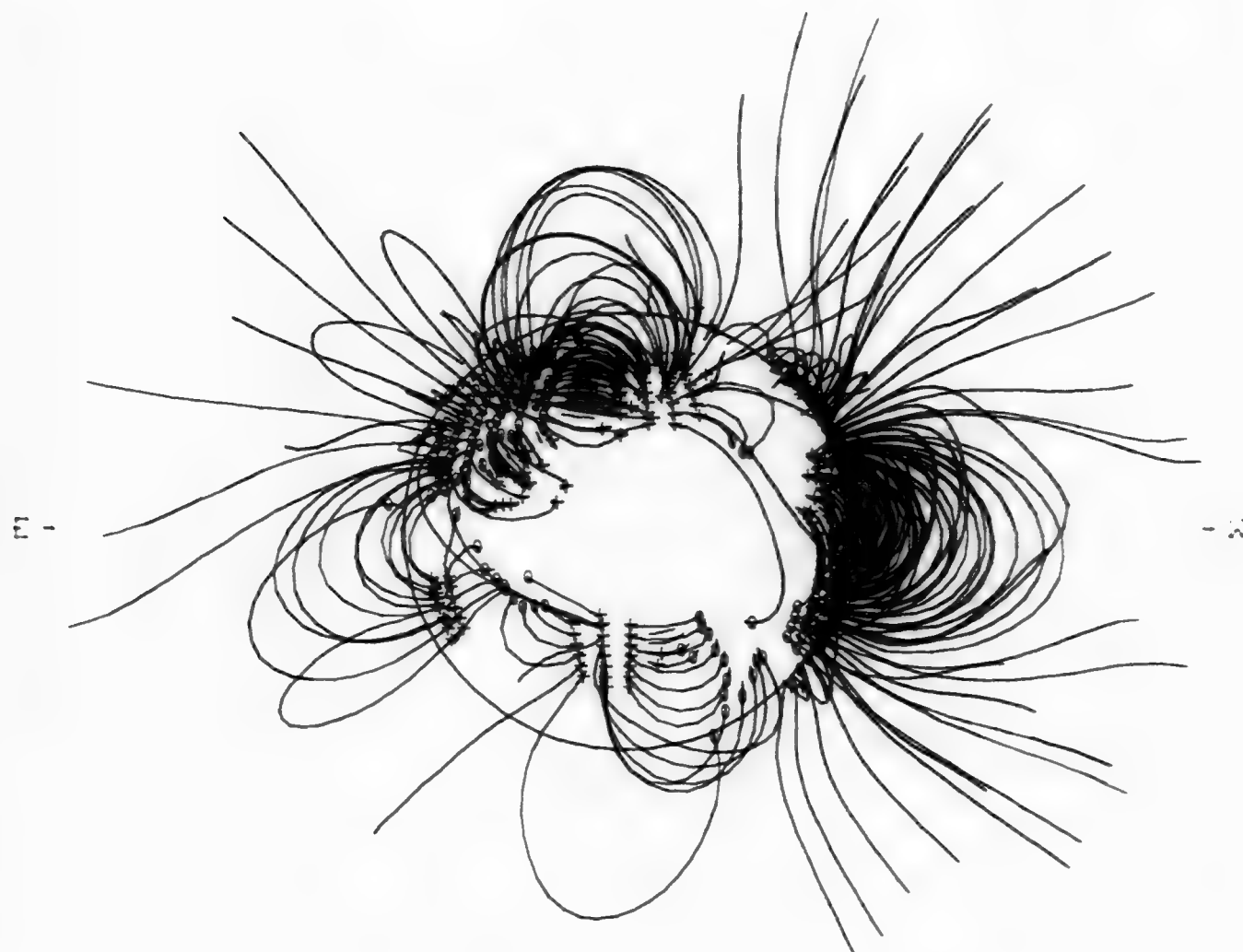
POLES DIRECT

DATA WINDOW 1518.00

RCT. 1518 1518.00

0.0 1518 1518

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

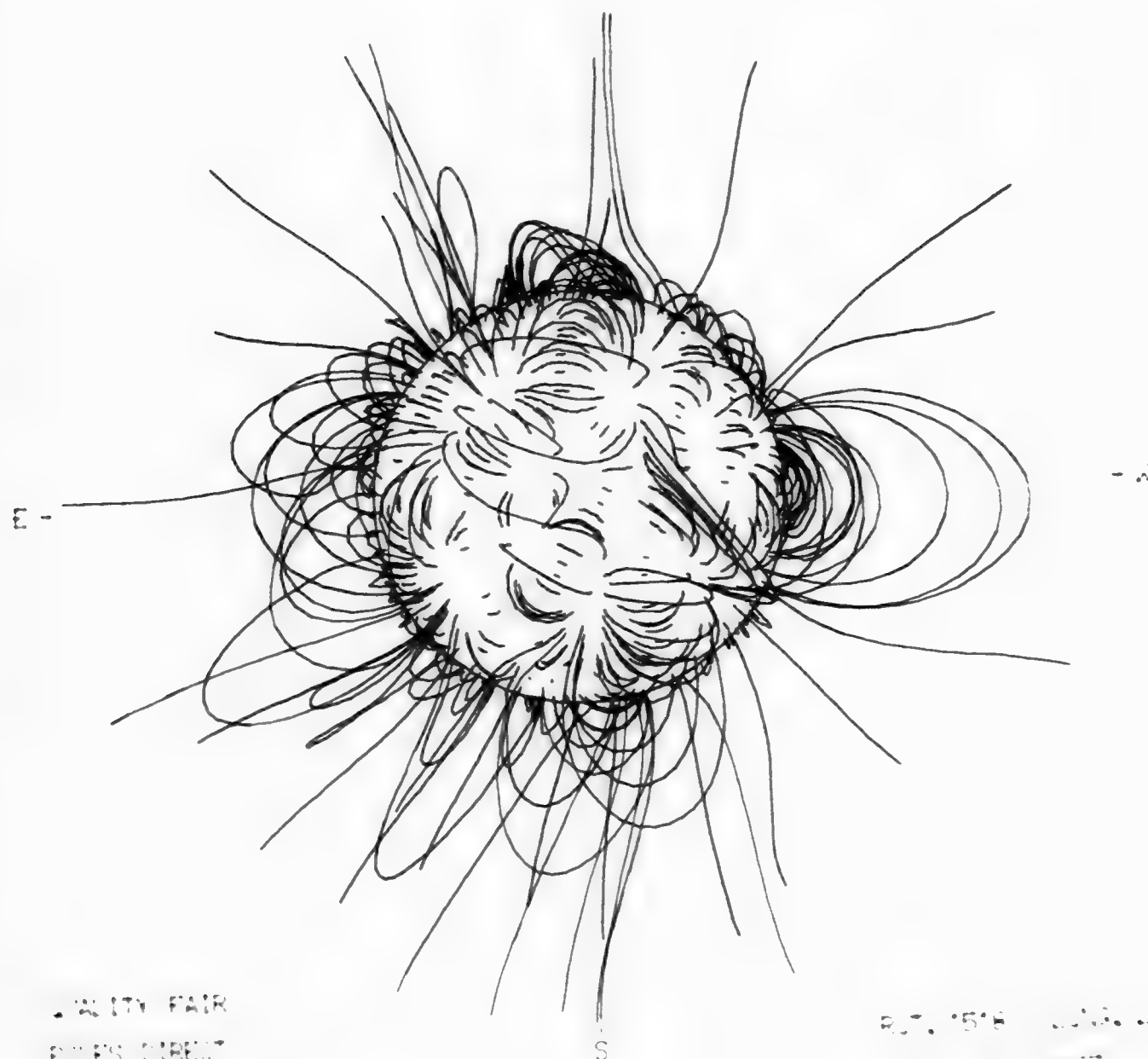
DATA WINDOW 1518.00

1
S

RUT. 1518 0013.001

6.0 MAR 1967

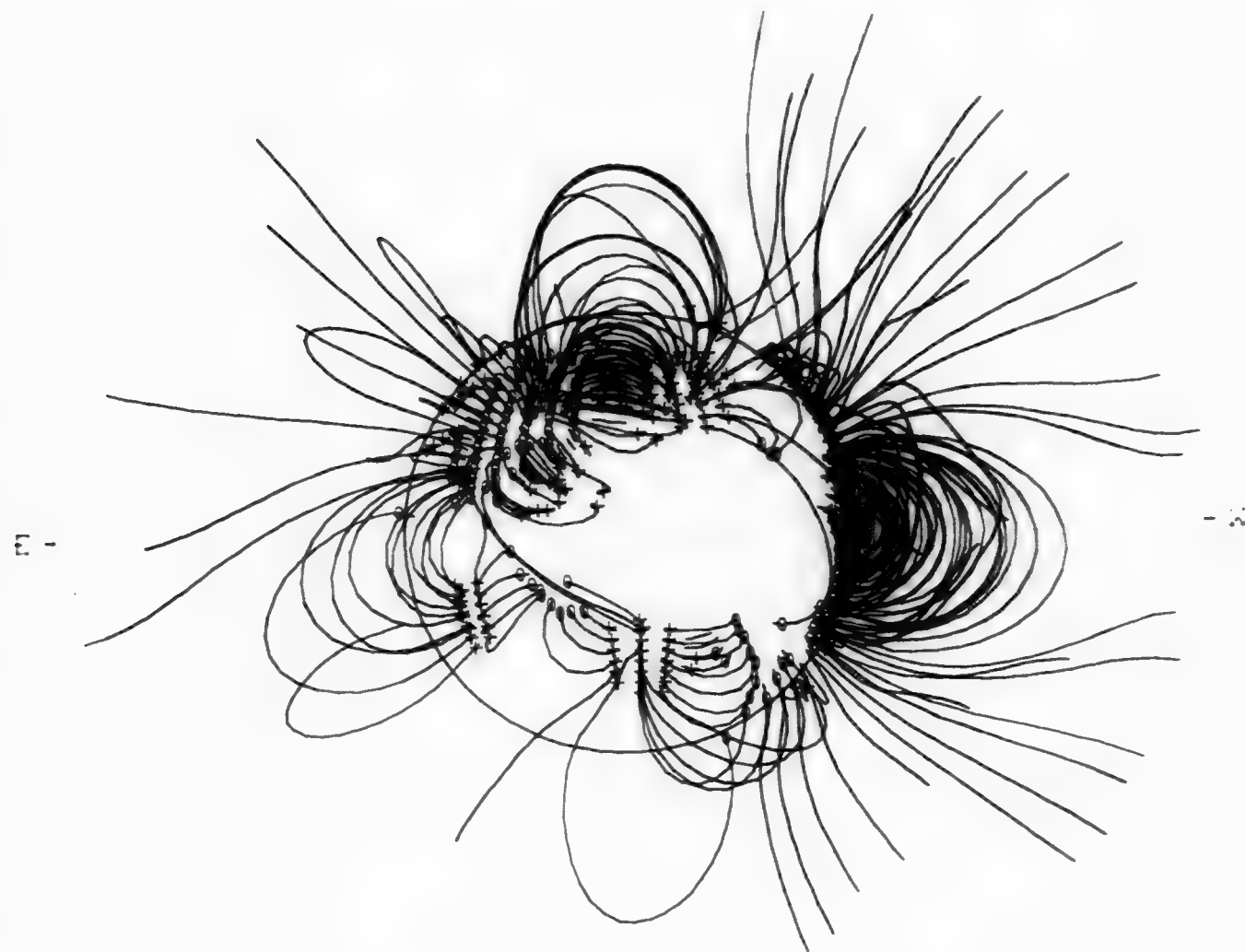
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
FILES DIRECT
DATA WINDOW 1518.00

R.T. 1518 1000.000
G.T. 1518 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



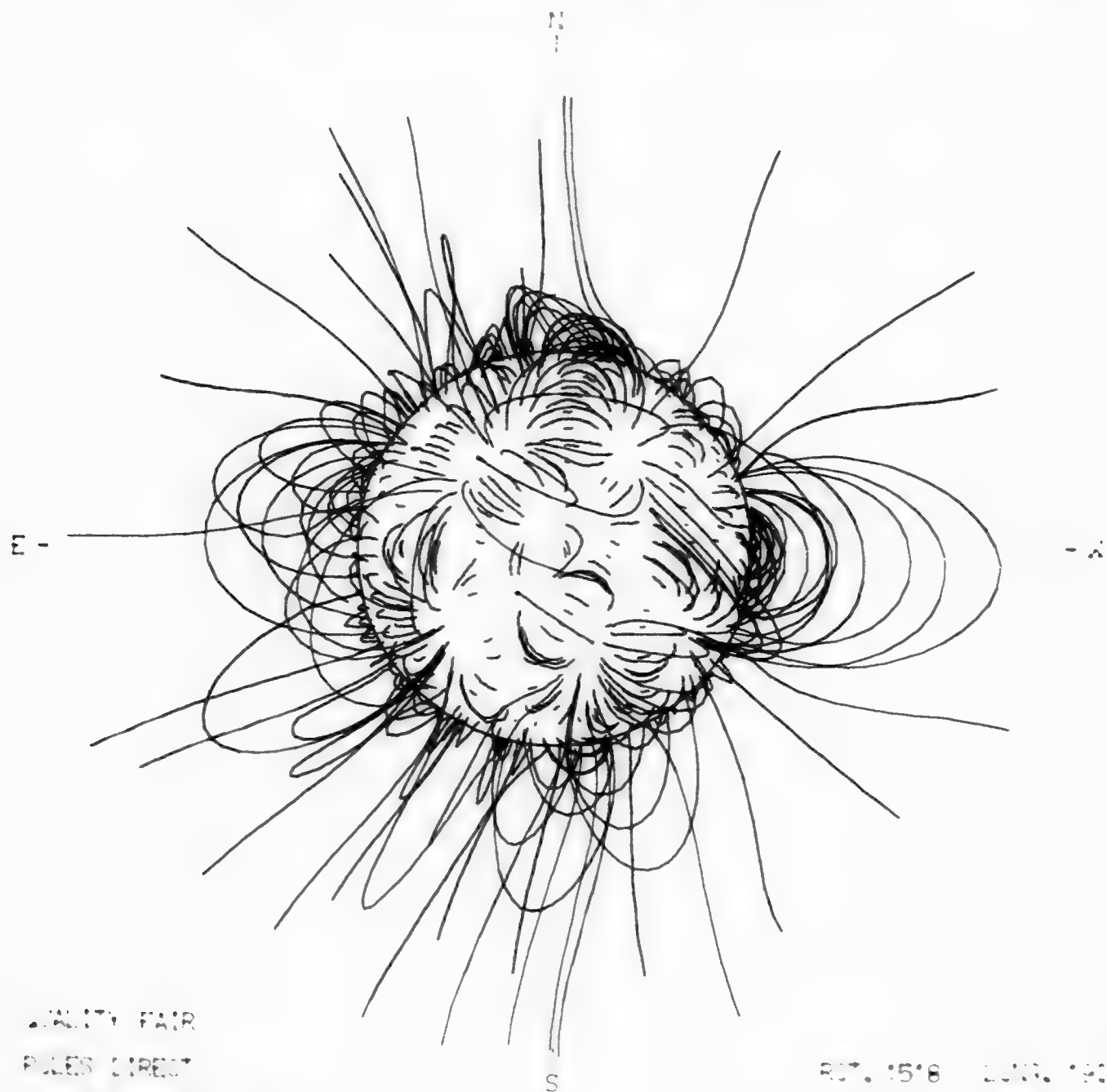
QUALITY FAIR

FILES DIRECT

DATA AVAILABLE 1518.00

RUN 1518 1010.000
6.7 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

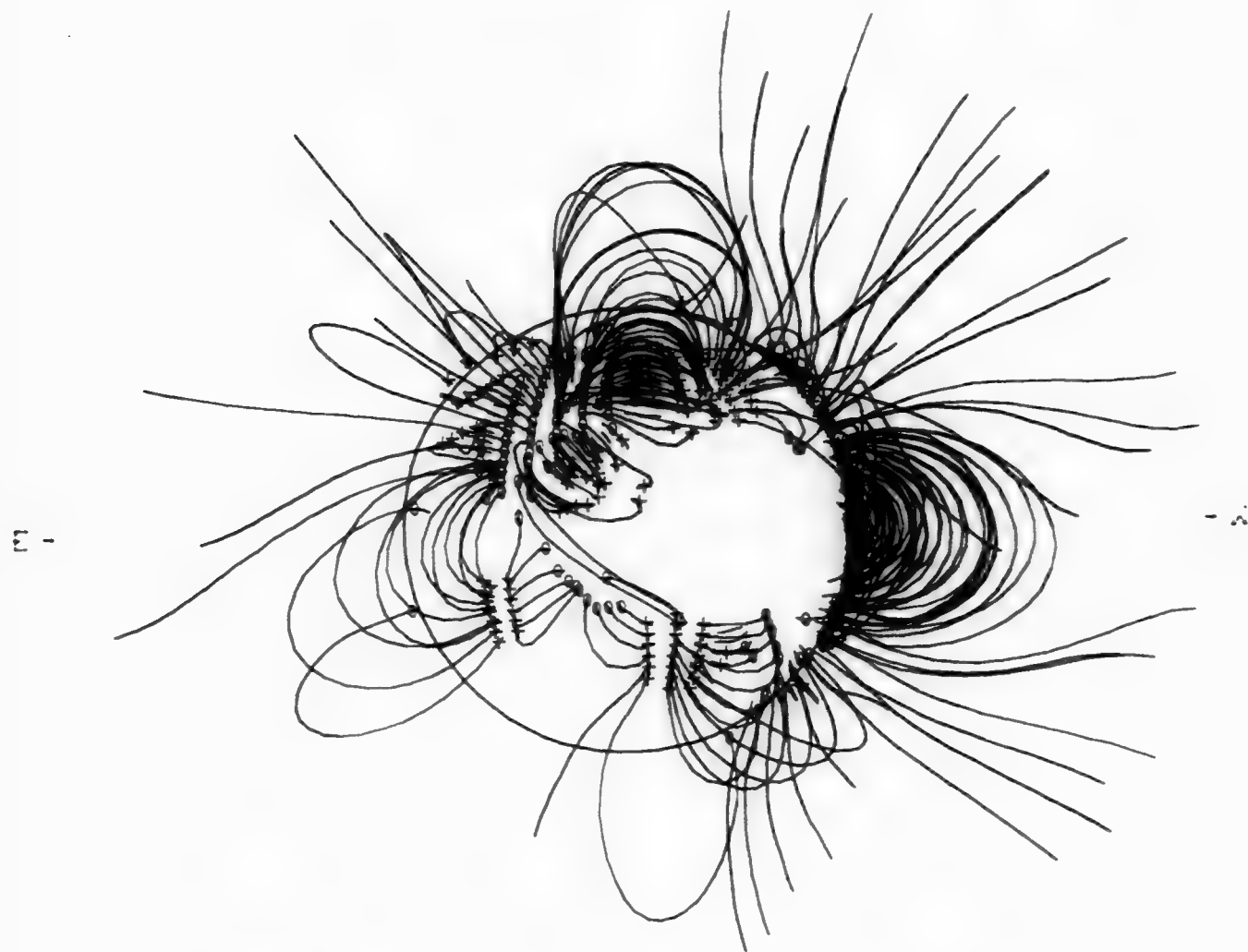
FILES DIRECT

DATA AND/OR 1518.00

807.15'8 1000.15'

1.5 1000 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

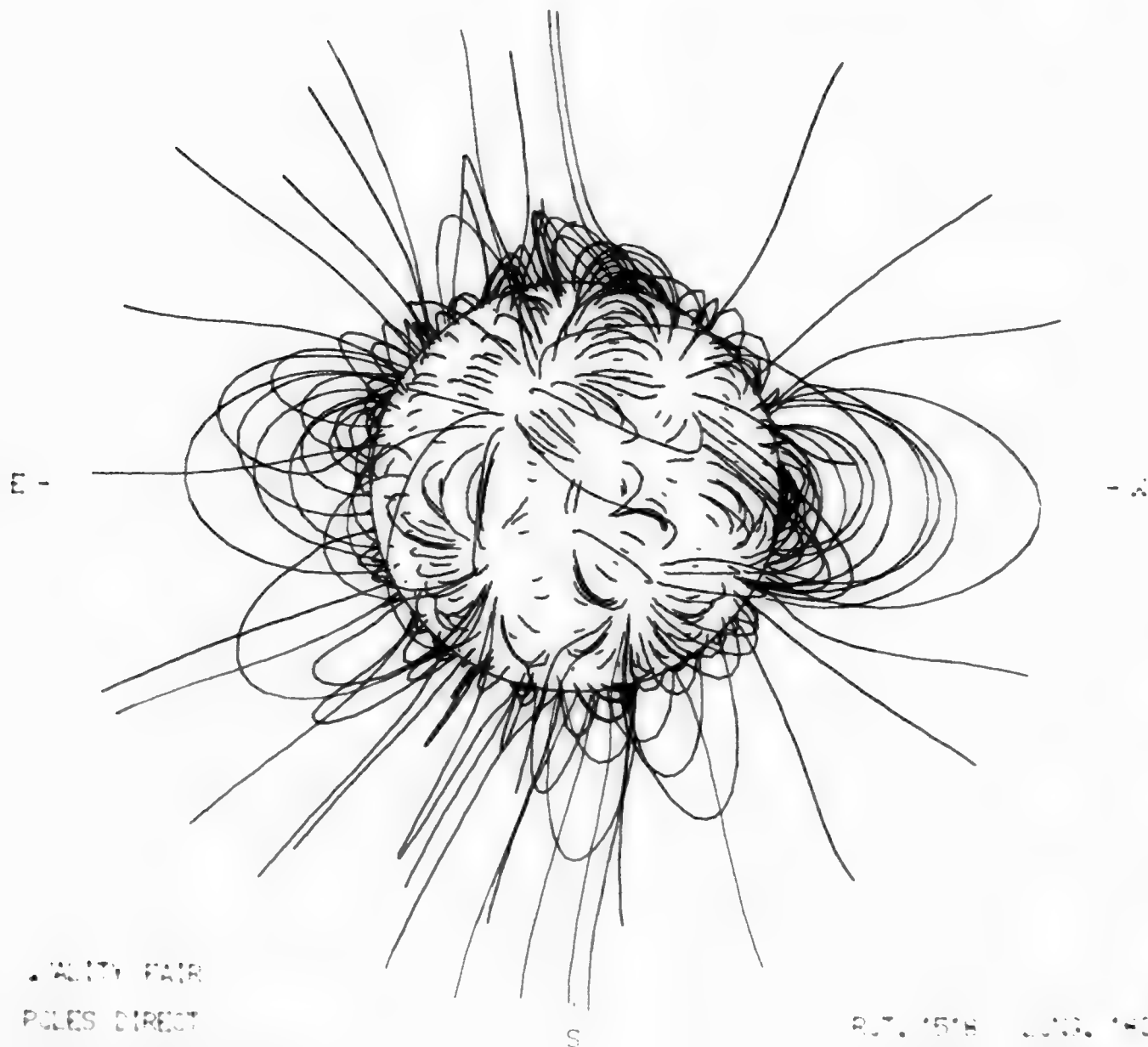
DATA WINDS 1518.00

S

ROT. 15.6 200. 1.4

7.5 1.45 1.45

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

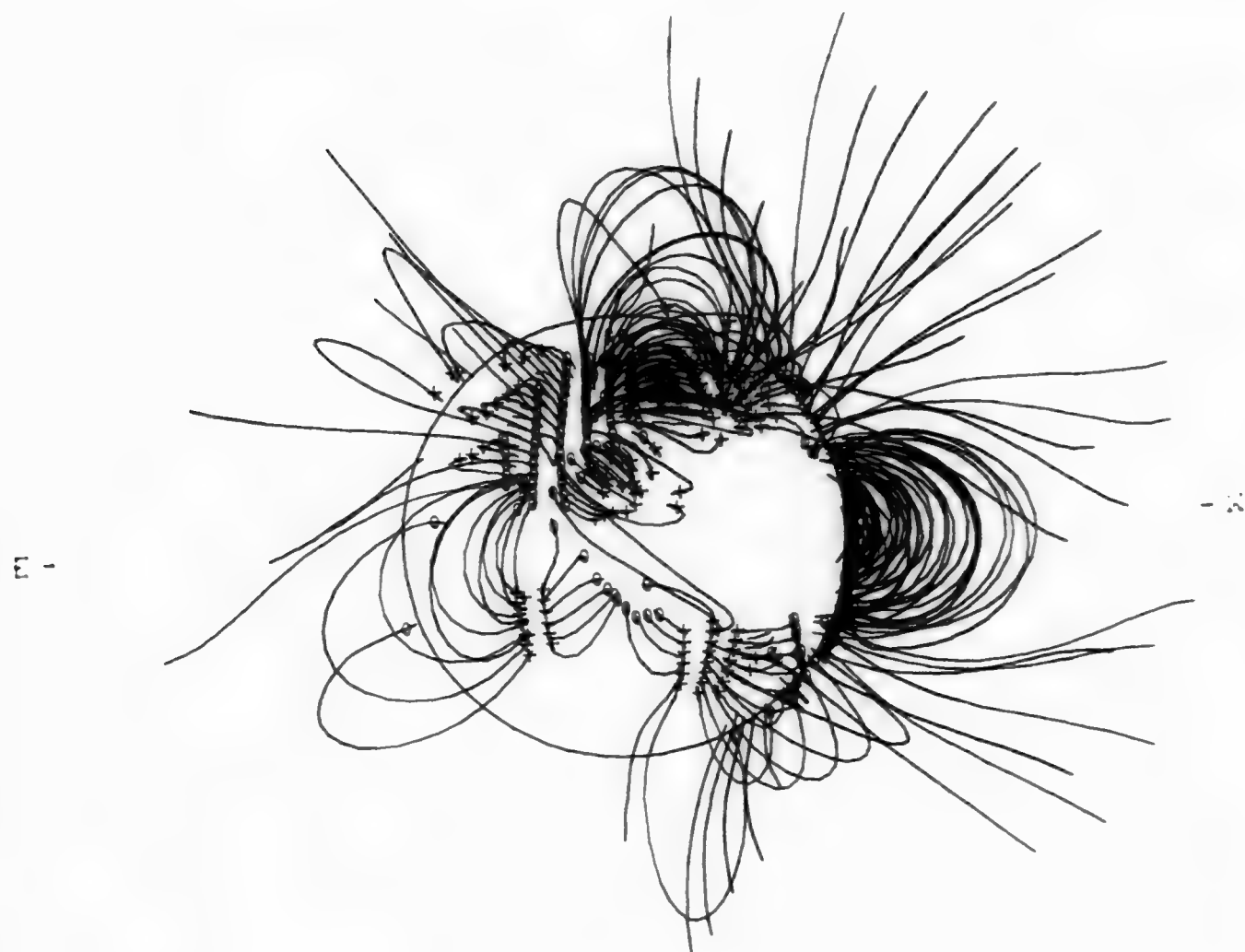
POLES DIRECT

DATA WINDOW 1518.00

2.1 15.1 100.1

1.3 15.1 100.1

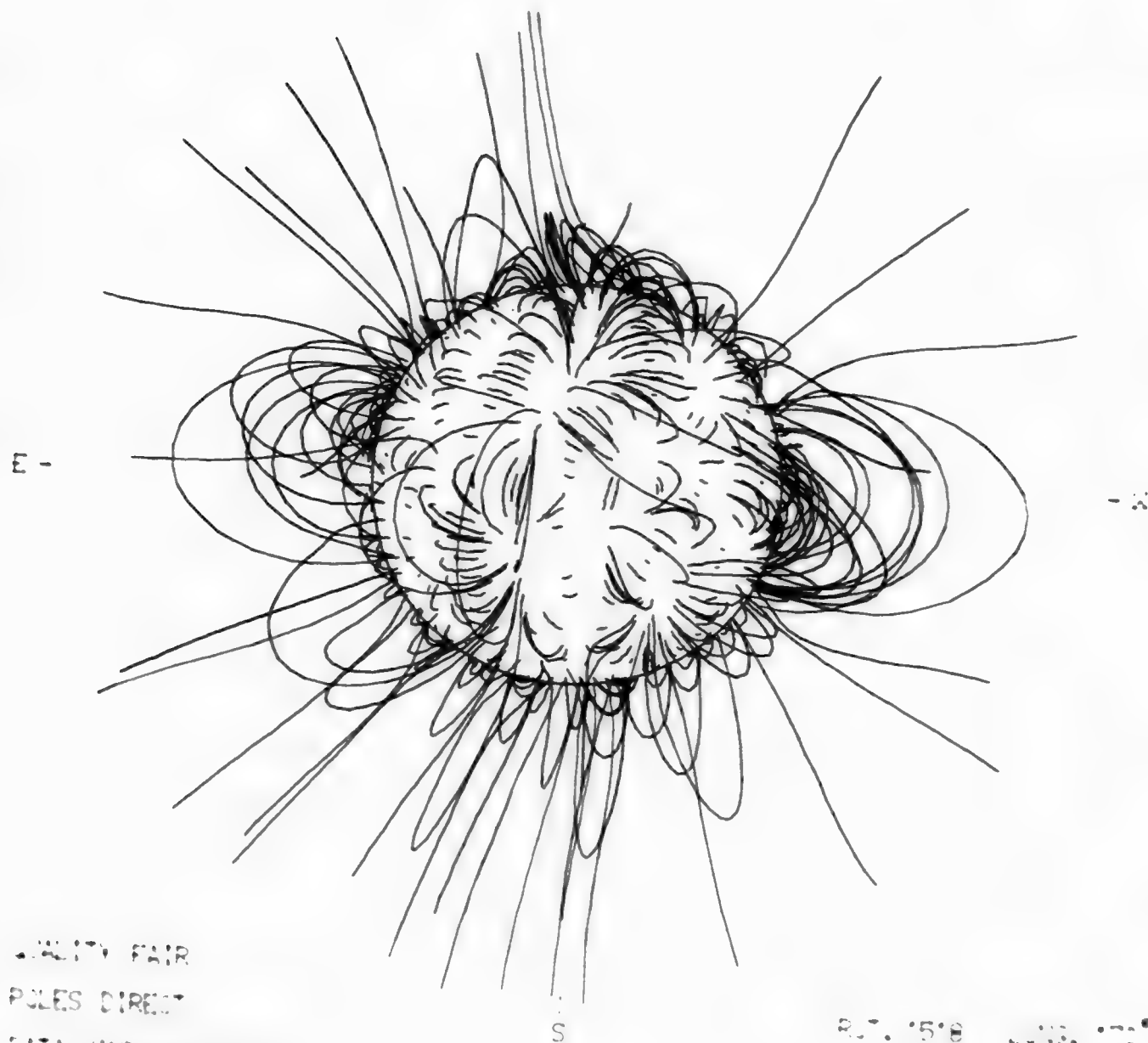
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 PLEAS DIRECT
 DATA W/IN 1518.00

ROT. 1518 JUL. '81
 8.5 MAR '81

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA NUMBER 1518.00

8.7. '518 1.11. '518

8.0 '518 1.518

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

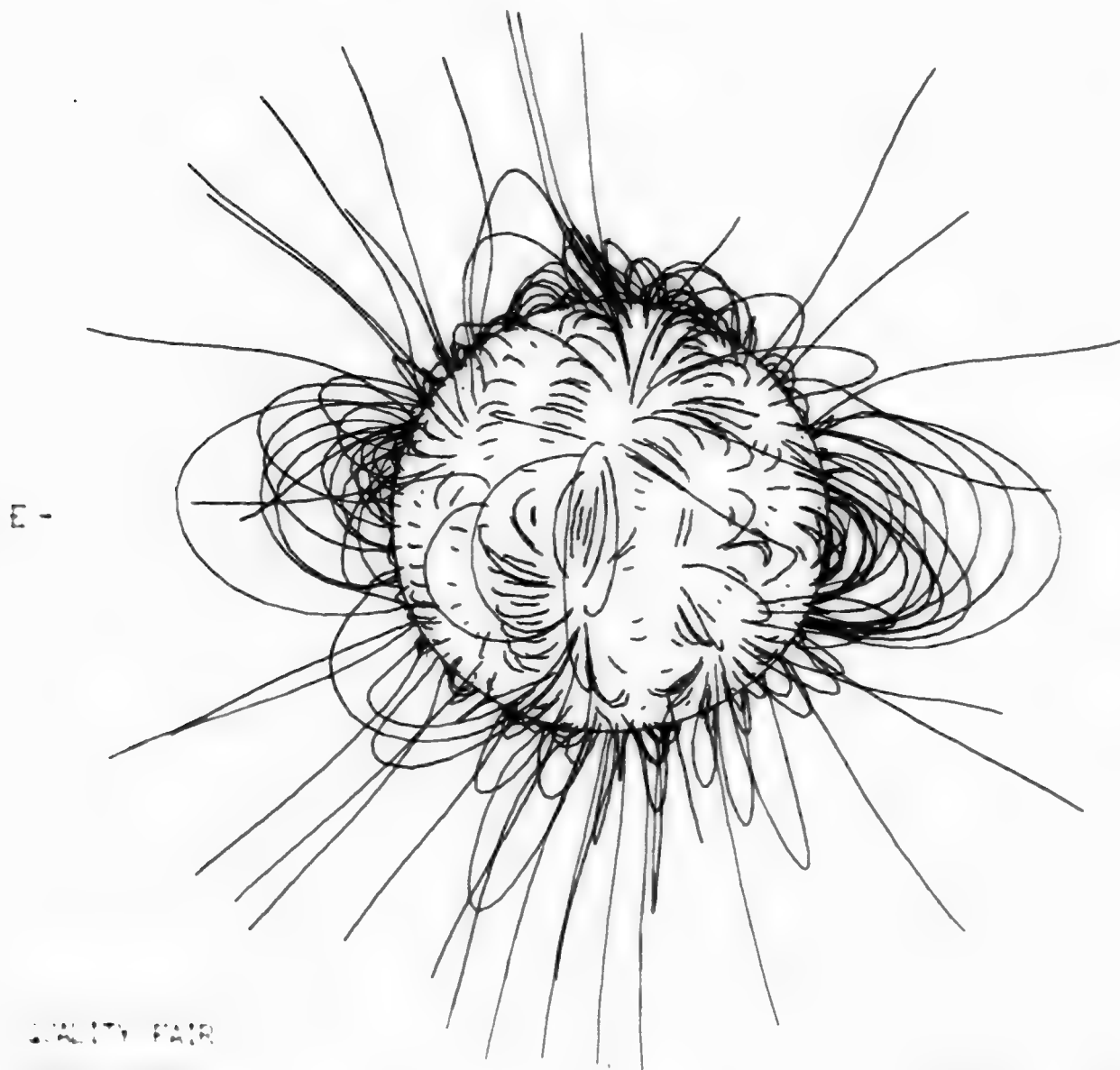
POLES DIRECT

DATA WINDOW 1518.00

S

ROT. 1518 100.0 100.0
 1.0 100.0 100.0

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

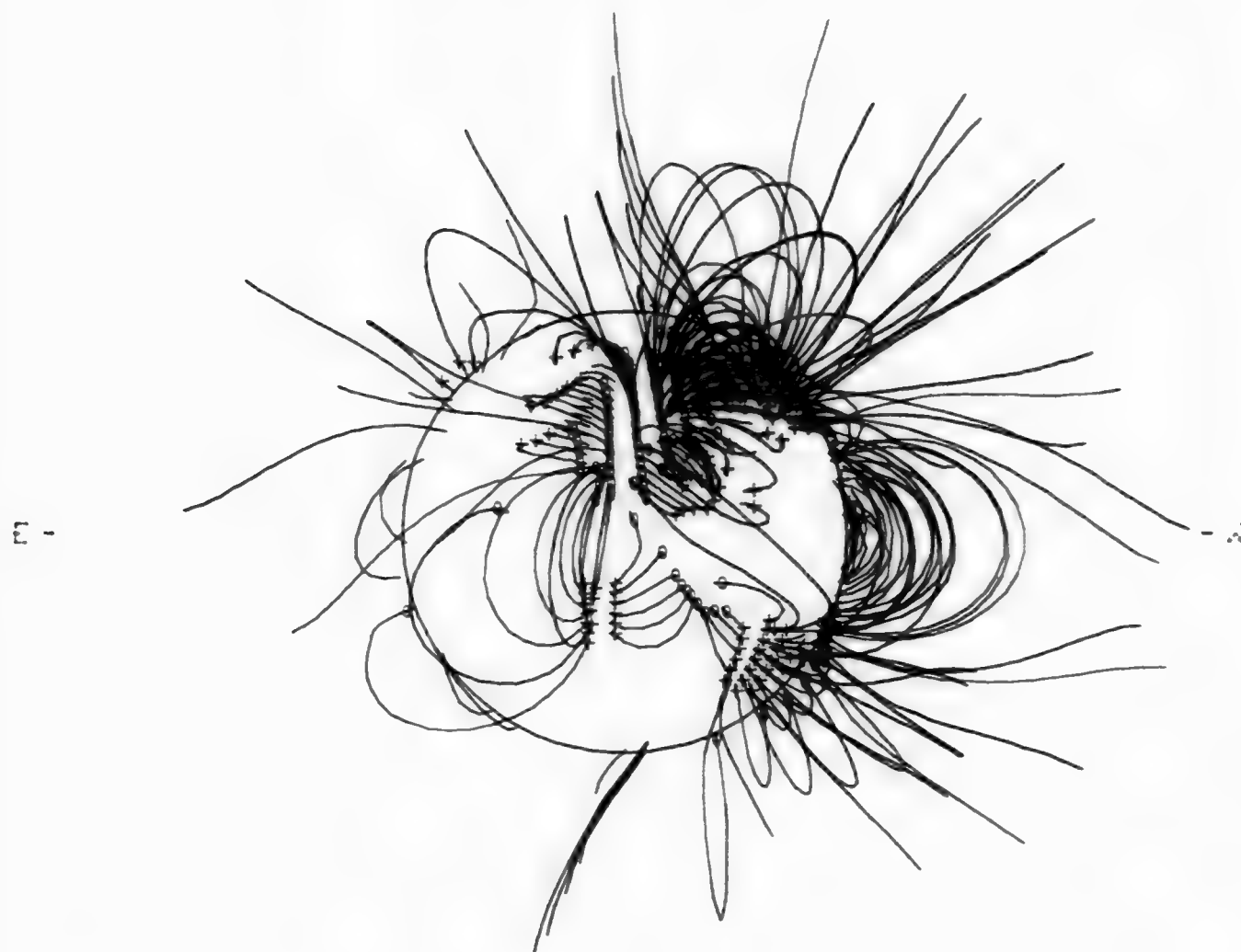
FILES DIRECT

DATA WINDOW 1518.00

ELT. 1518 1518.00

1518 1518

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

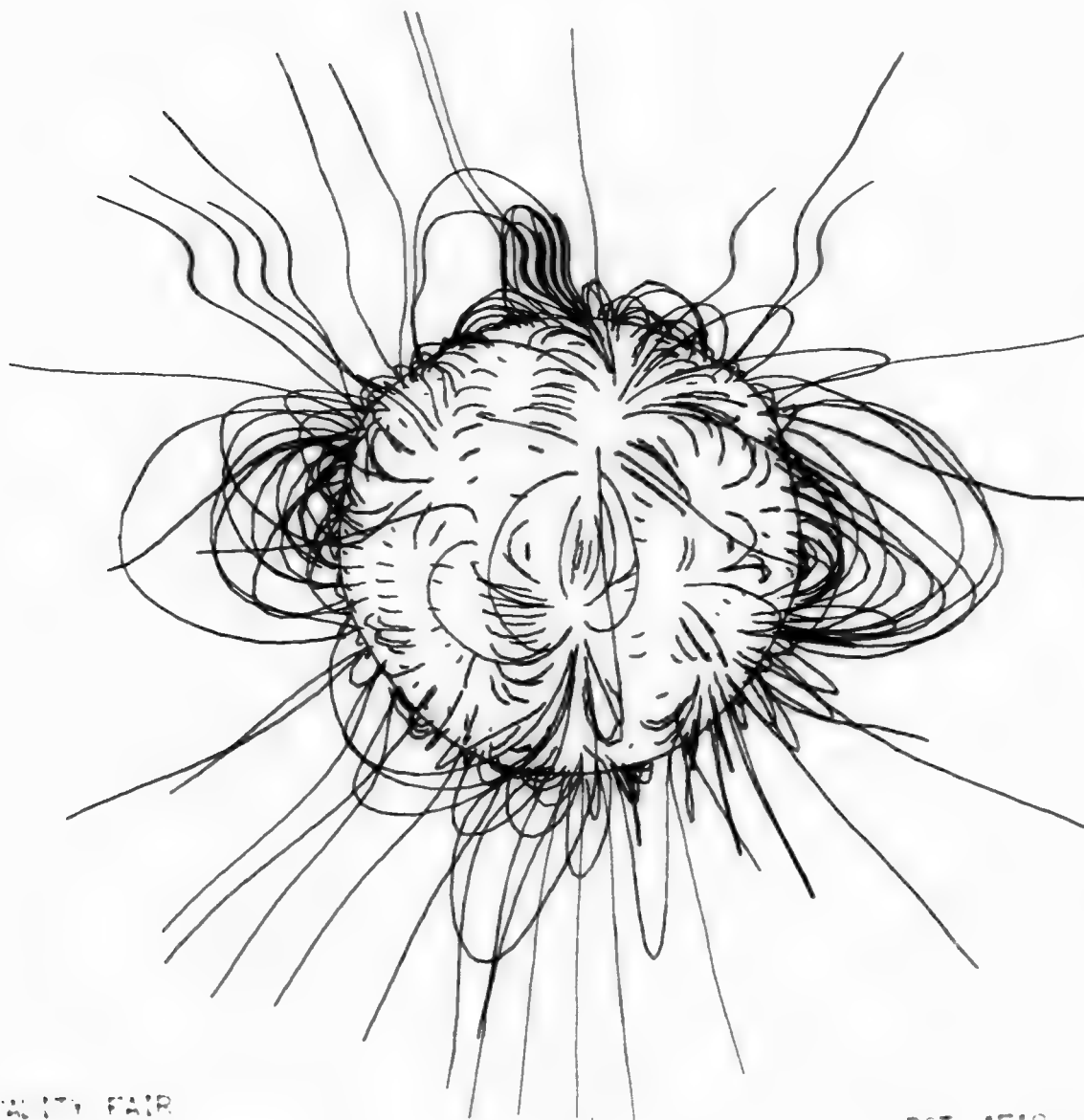
POLES DIRECT

DATA WITHIN 1518.00

ROT. 1516 200. 100°

1.8 100 100°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
FILES DIRECT
DATA APRIL 1958.00

ROT. 15.8 11.1. 15.1
11.5 MAR 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

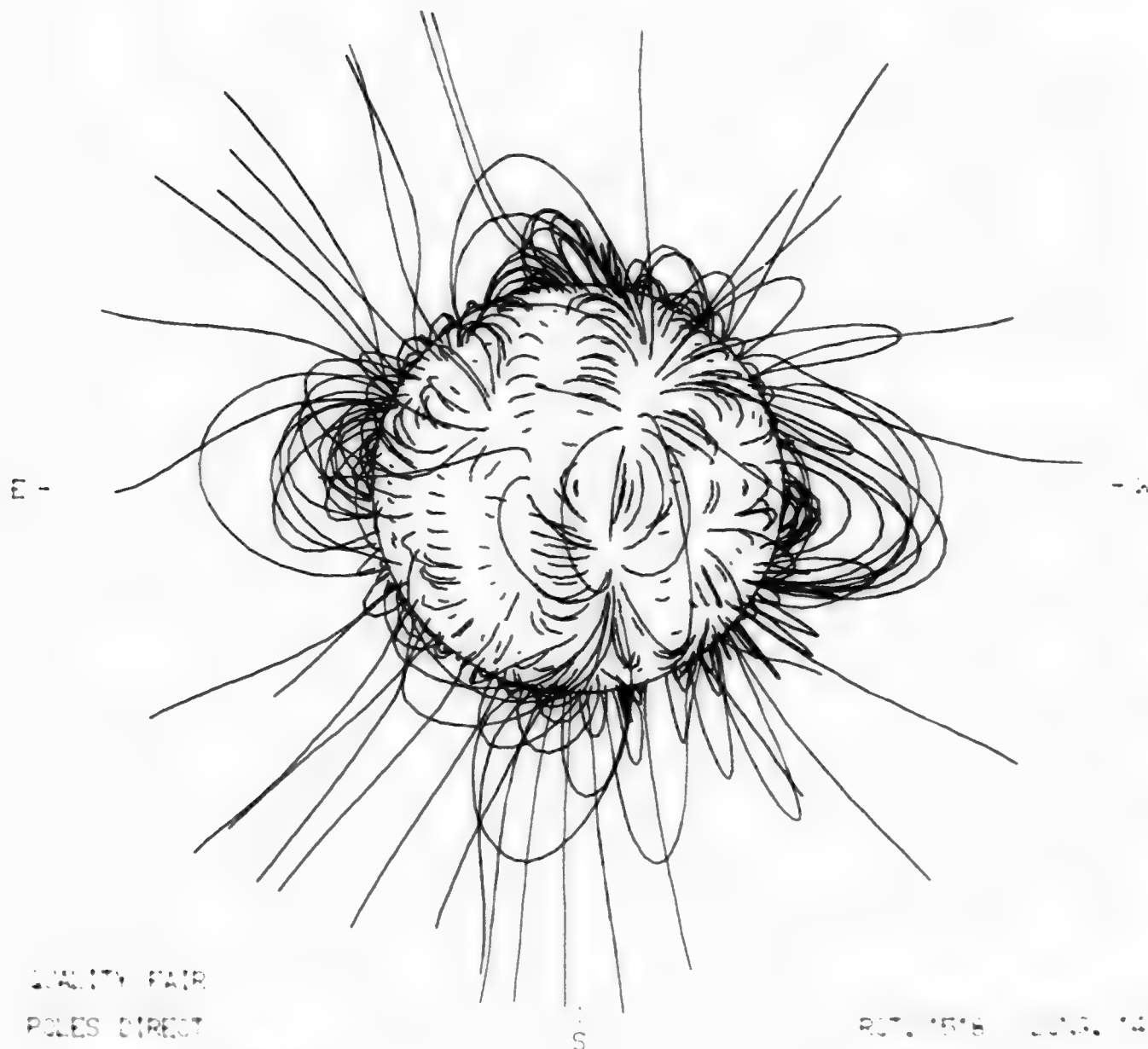
DATA WINDOW 1518.00

S

ROT. 1518 LONG. 151°

10.5 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1518.00

ROT. 1518 1518.00

11.5 1518 1518

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

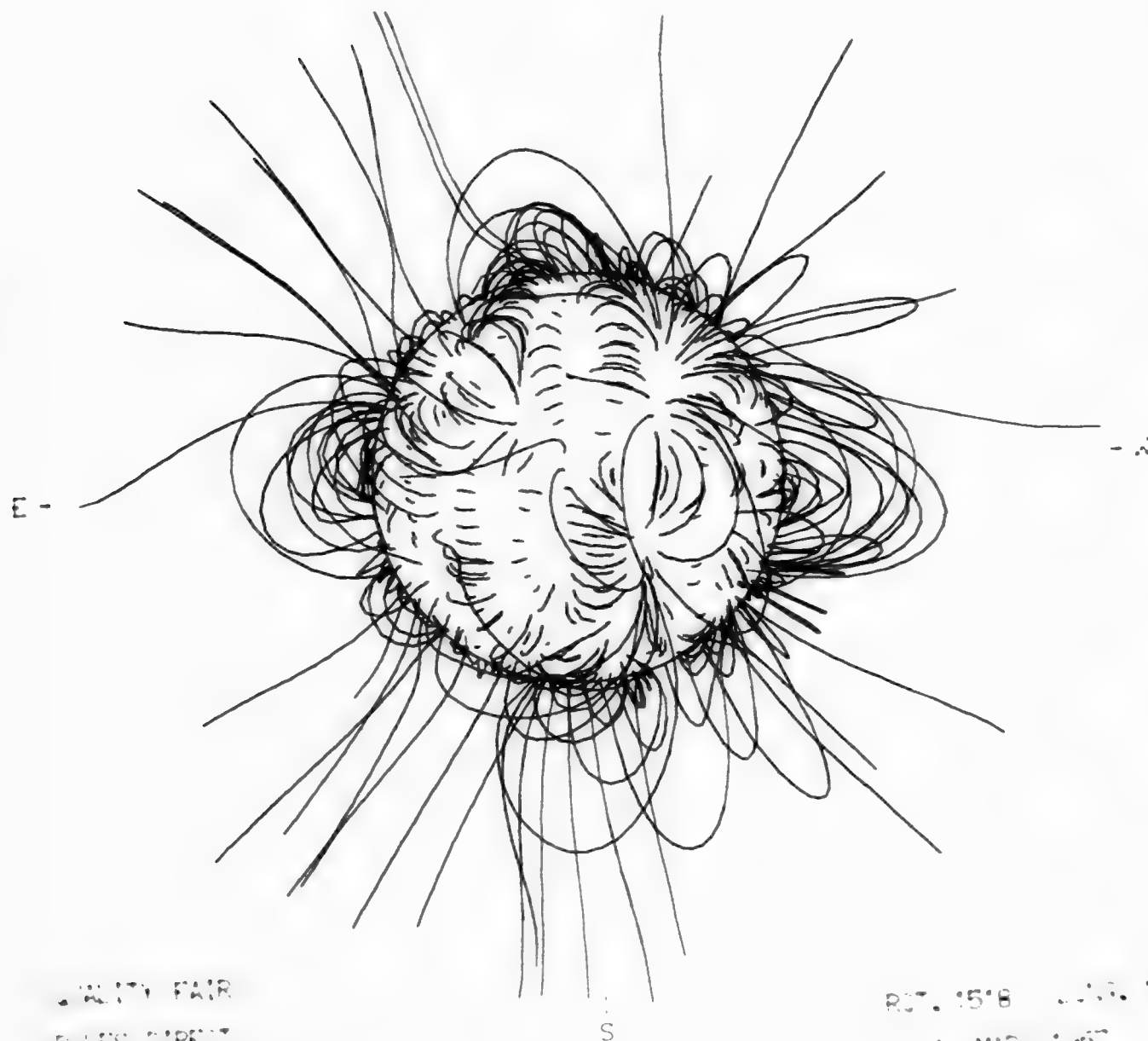
PLAS CURRENT

DATA WINDOW 1518.00

S

8.7.1518 10.1.121
11.3 10.1 1.25

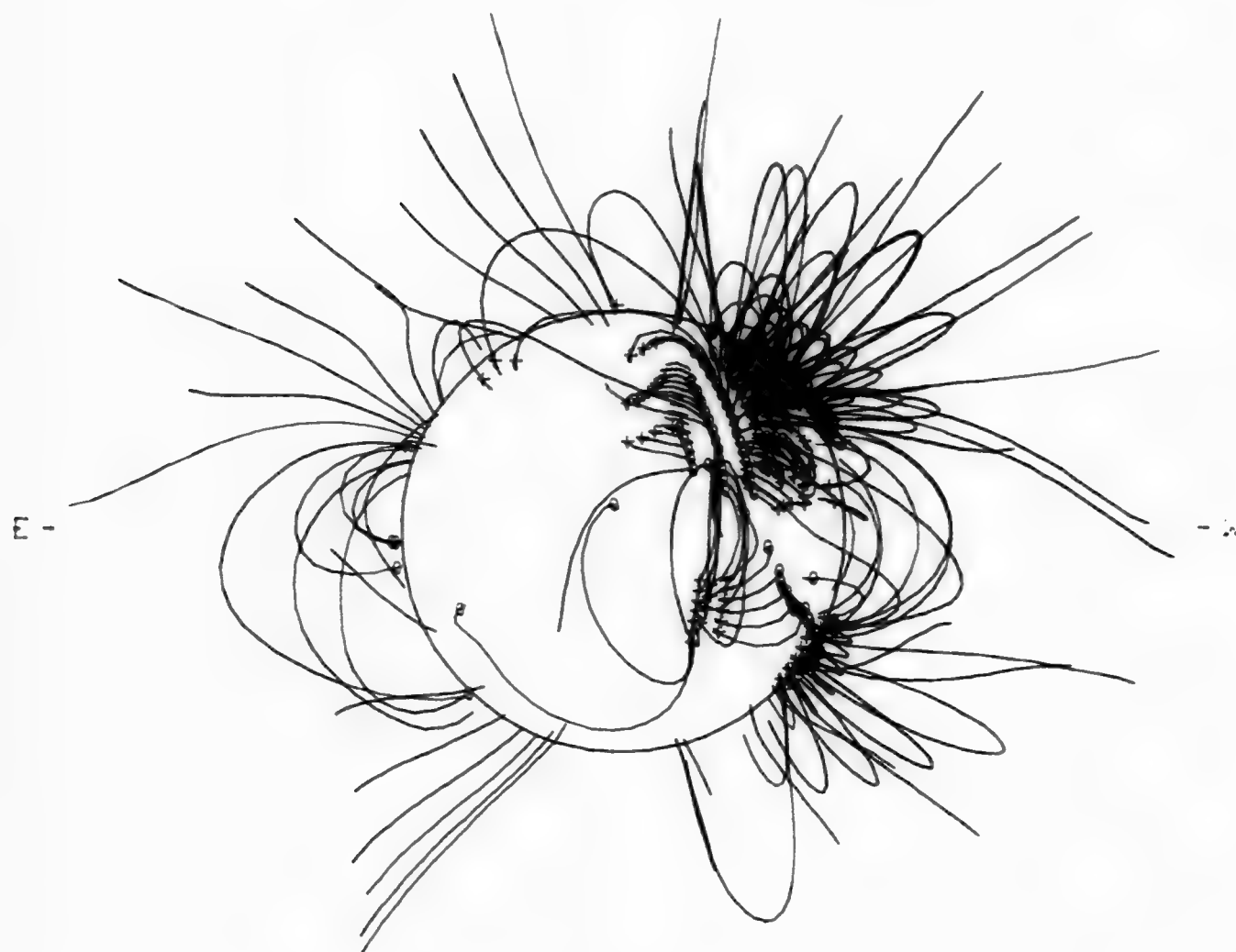
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
FILES DIRECT
DATA WINDOW 1518.00

REF. 1518 1518.150
12.1 MAR 1987

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

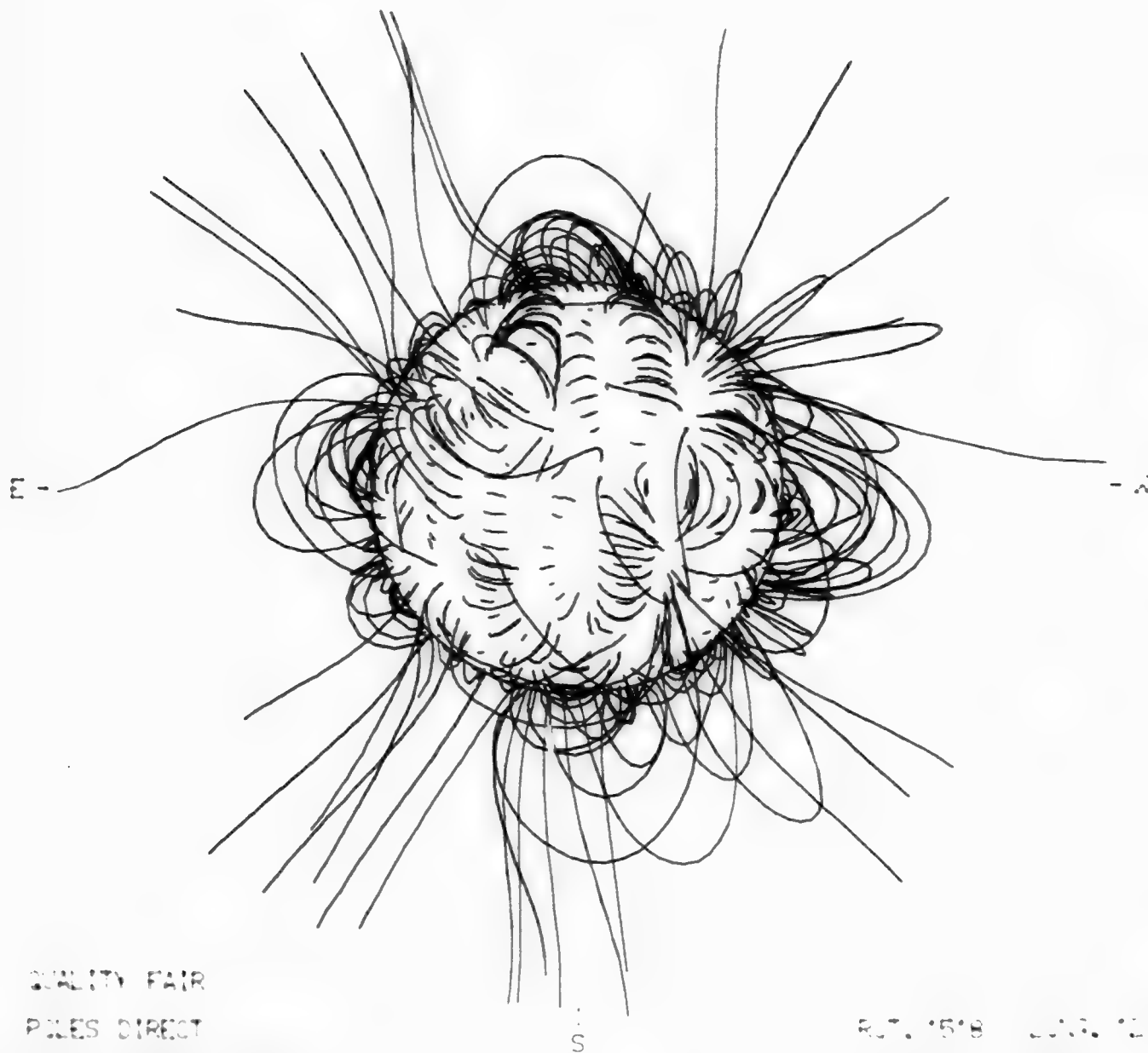
DATA WINDOW 1518.00

S

ALT. 1518 2110.130°

12.0 MRP 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

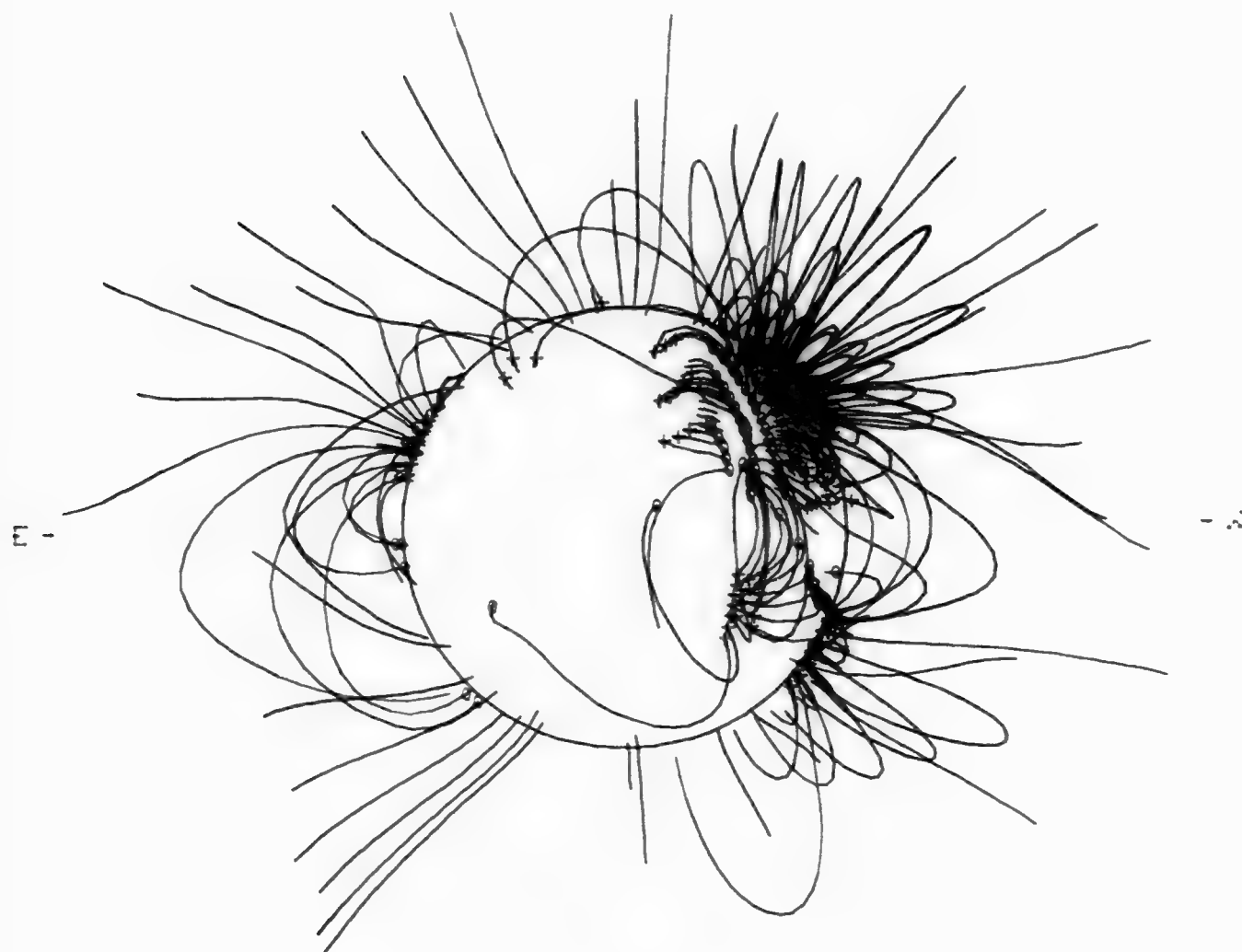
PILES DIRECT

DATA WINDS 1518.00

RCT. 1518 1013. 121°

12.8 148 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

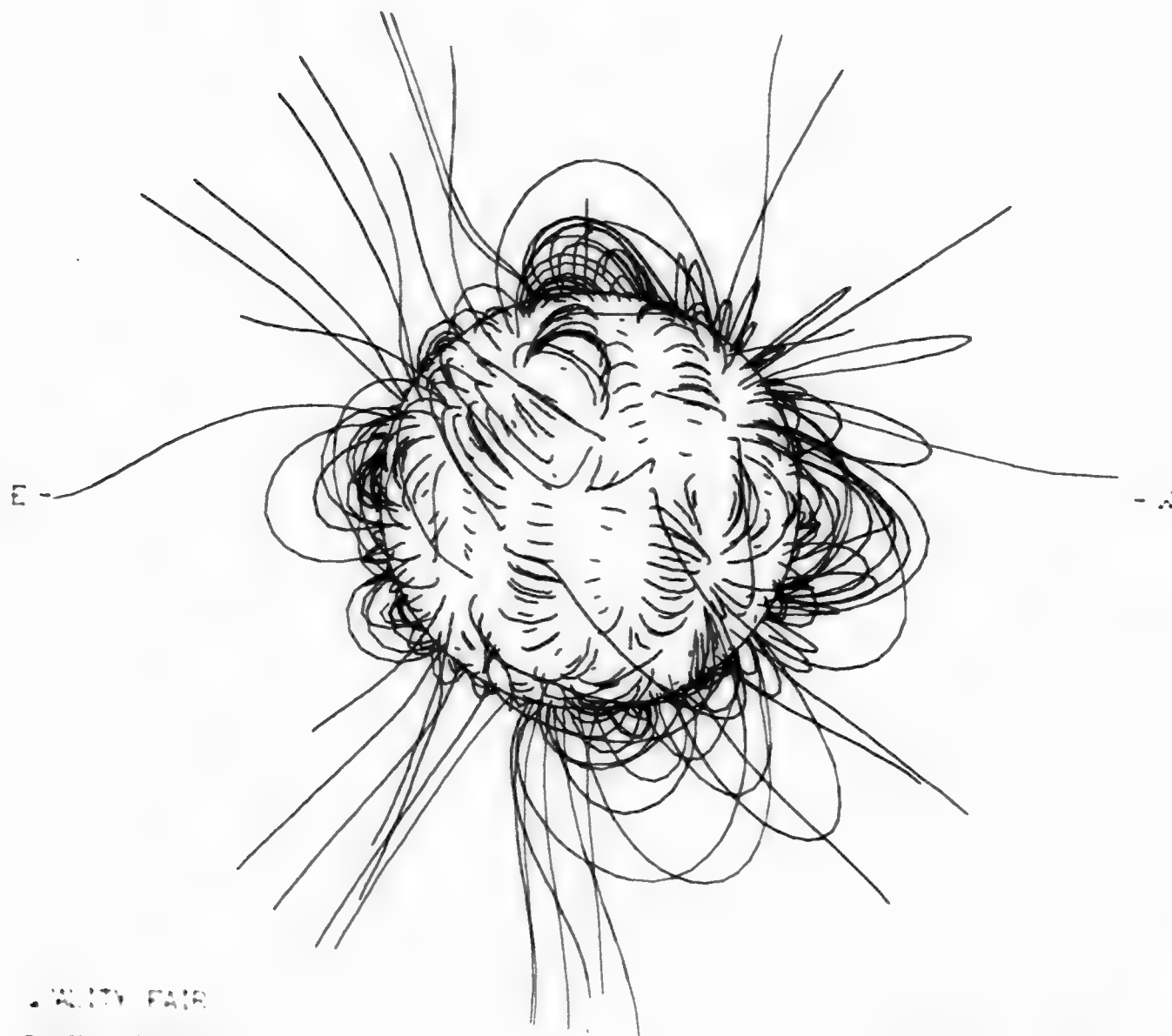
DATA WINDOW 1518.00

S

RUT. 1518 100. 100°

12.8 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

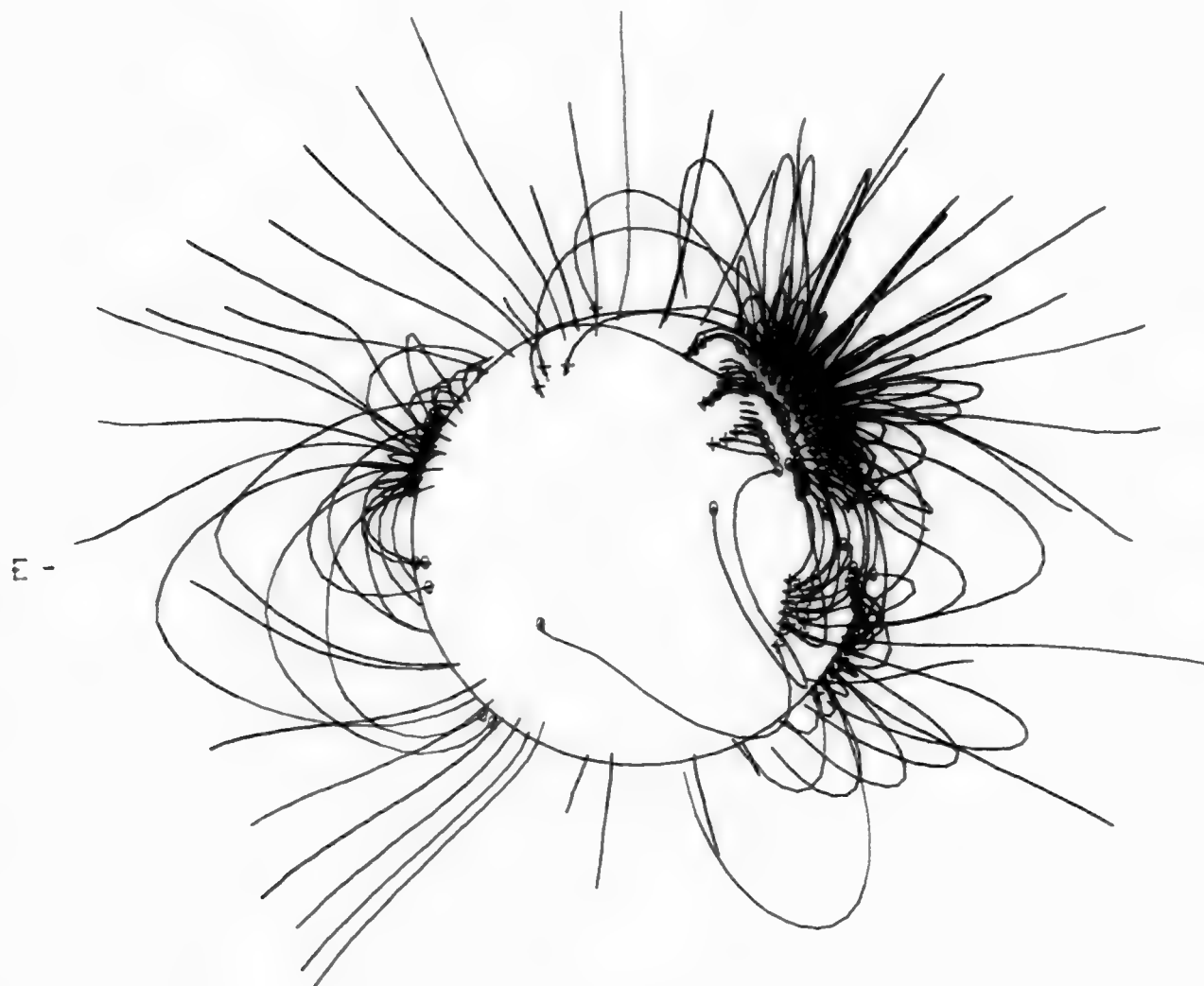
POLES DIRECT

DATA NUMBER 1518.00

RUT. 1518 1000. 111

13.6 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

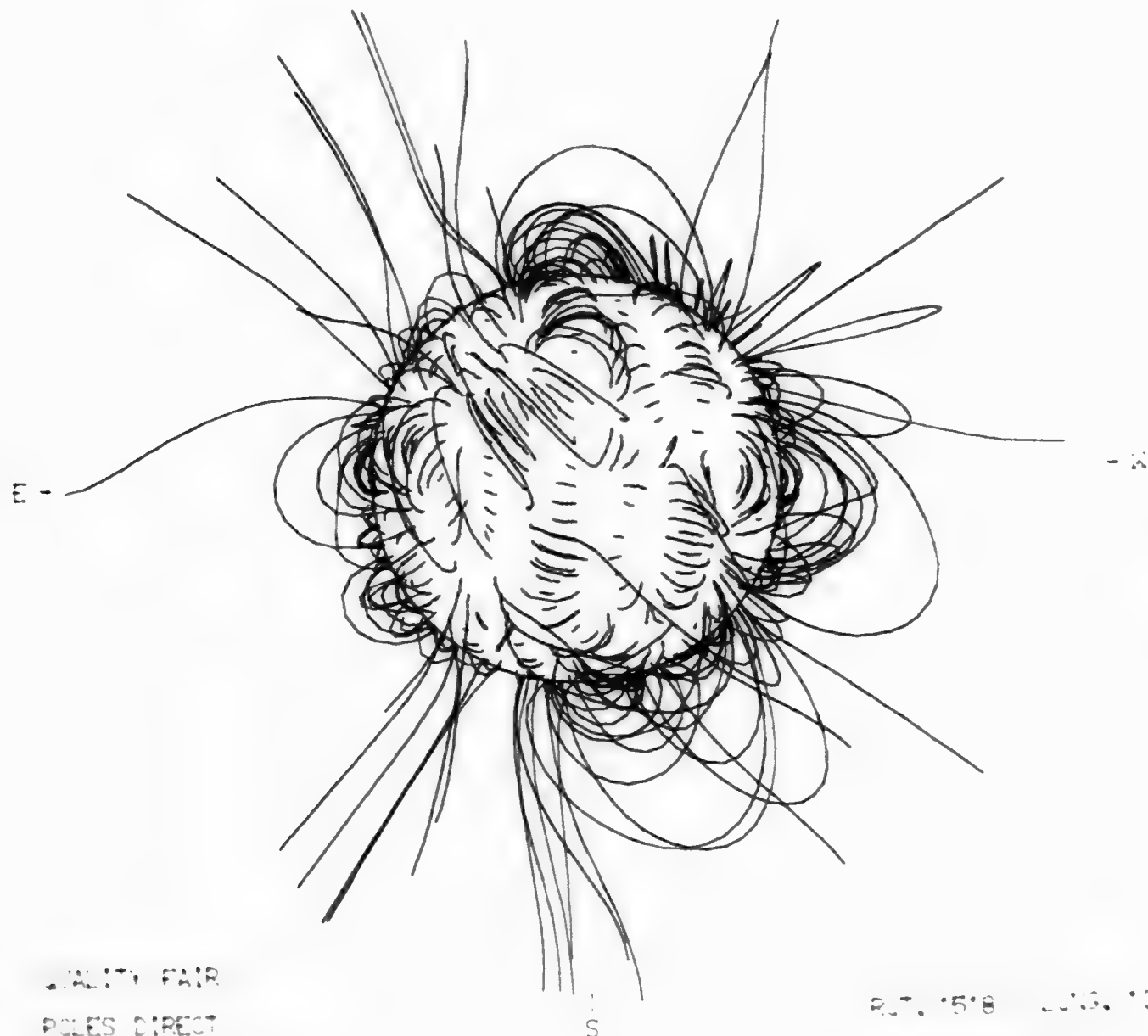


QUALITY FAIR
 POLES DIRECT
 DATA WIND JA 1518.00

S

R.T. 1518 1010.111
 13.5 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



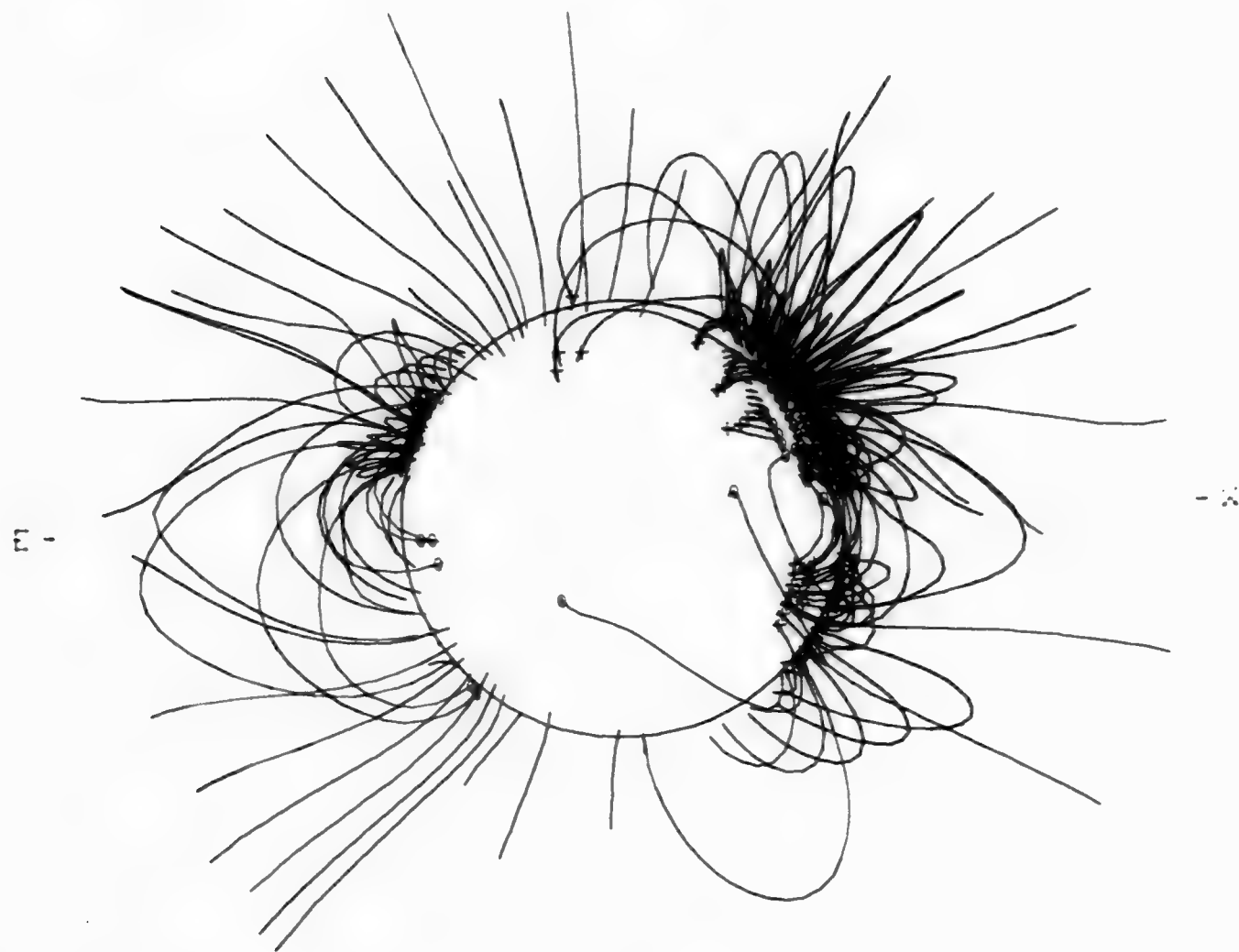
QUALITY FAIR

POLES DIRECT

DATA WINDOW 1518.00

RLT. 1518 2018.100
12.3 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

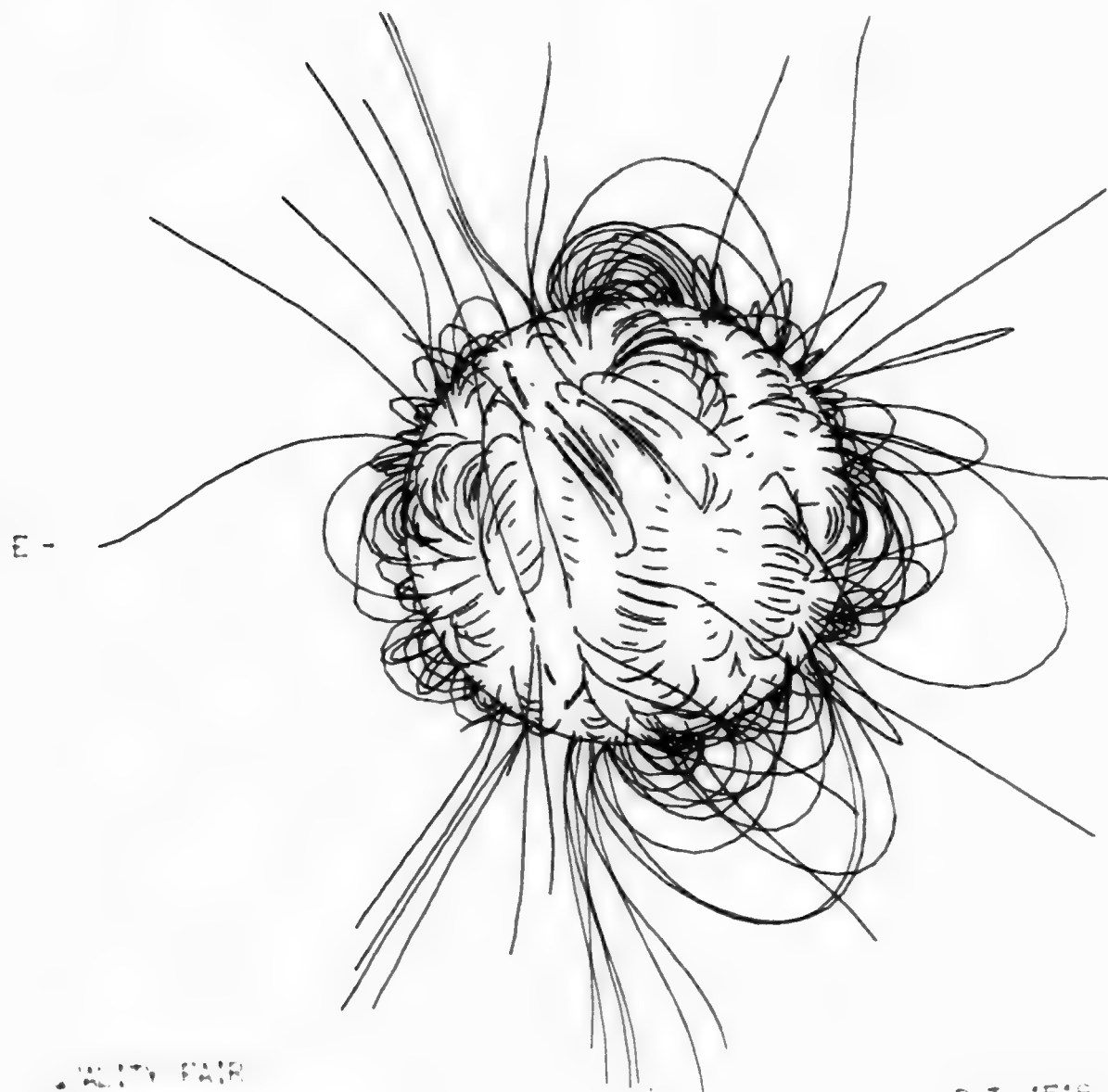
FILES DIRECT

DATA WINDOW 1518.00

S

ROT. 15.8 LONG. 100°
12.3 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

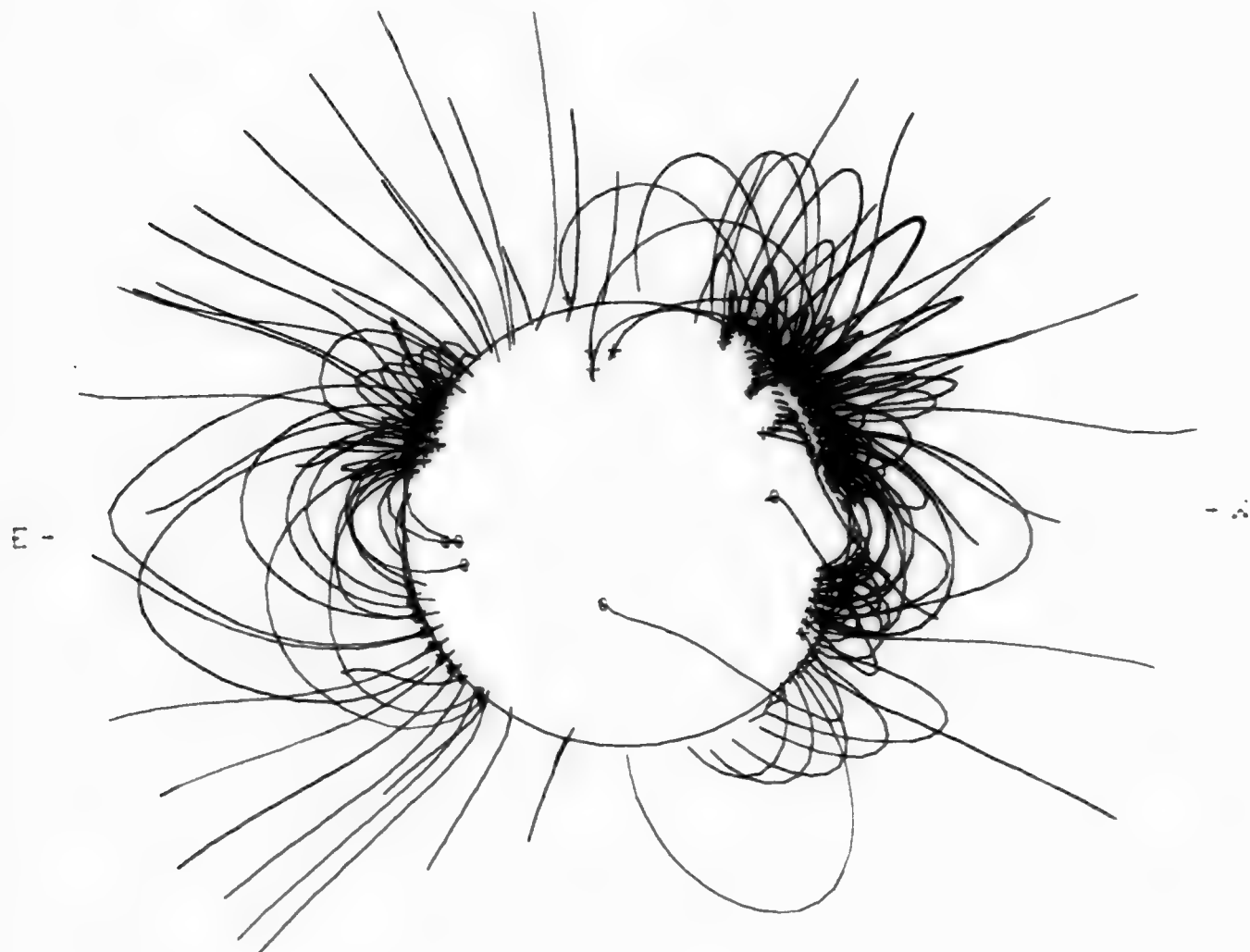
PLIES DIRECT

DATA AREA 1518.00

2.7. '58 2.10. '60
 '5. '58 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

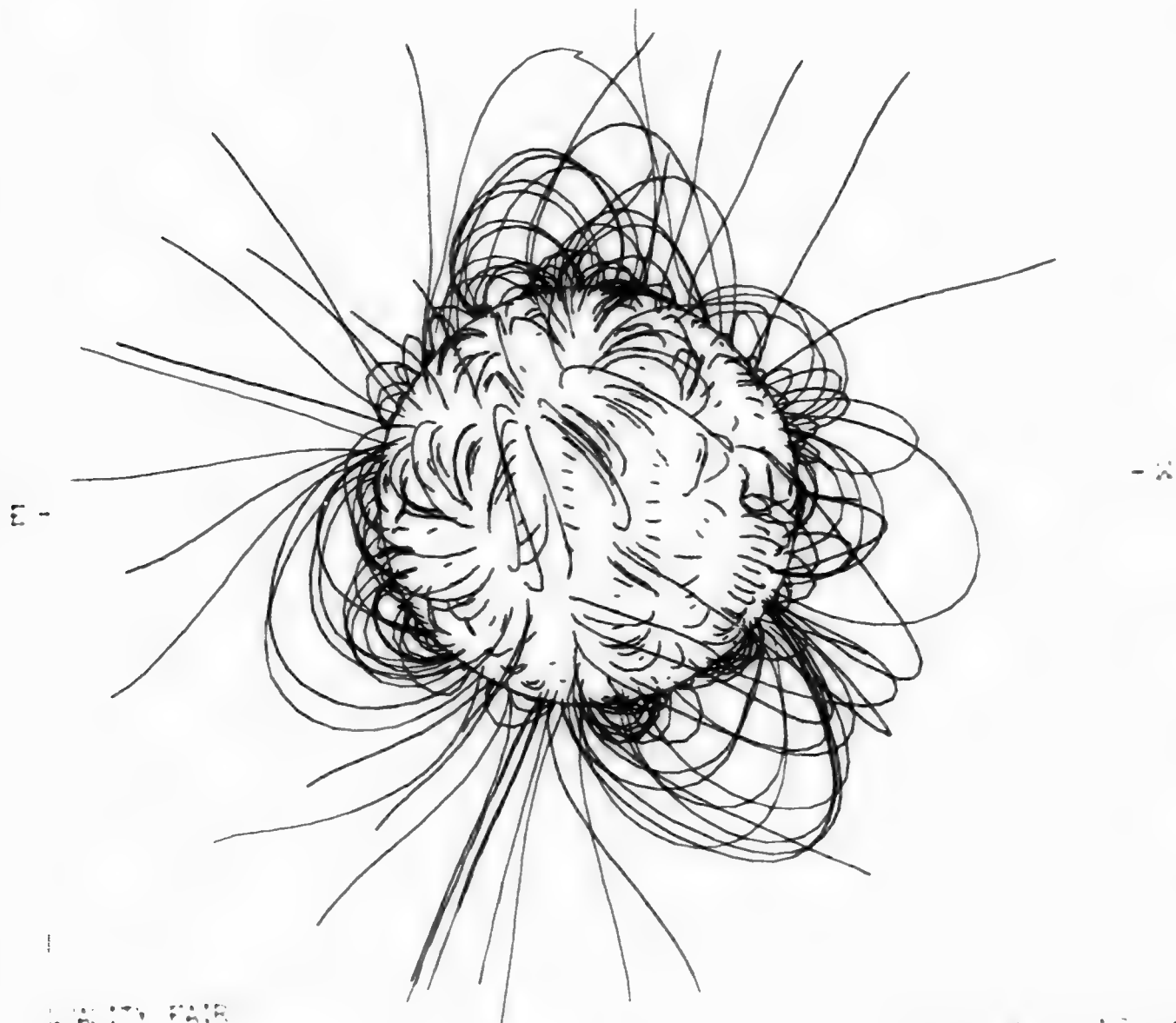
POWER DIRECT

CATA WIND IN 1518.00

S

1.1 1.5 1.0 1.0
1.5 1.0 1.0

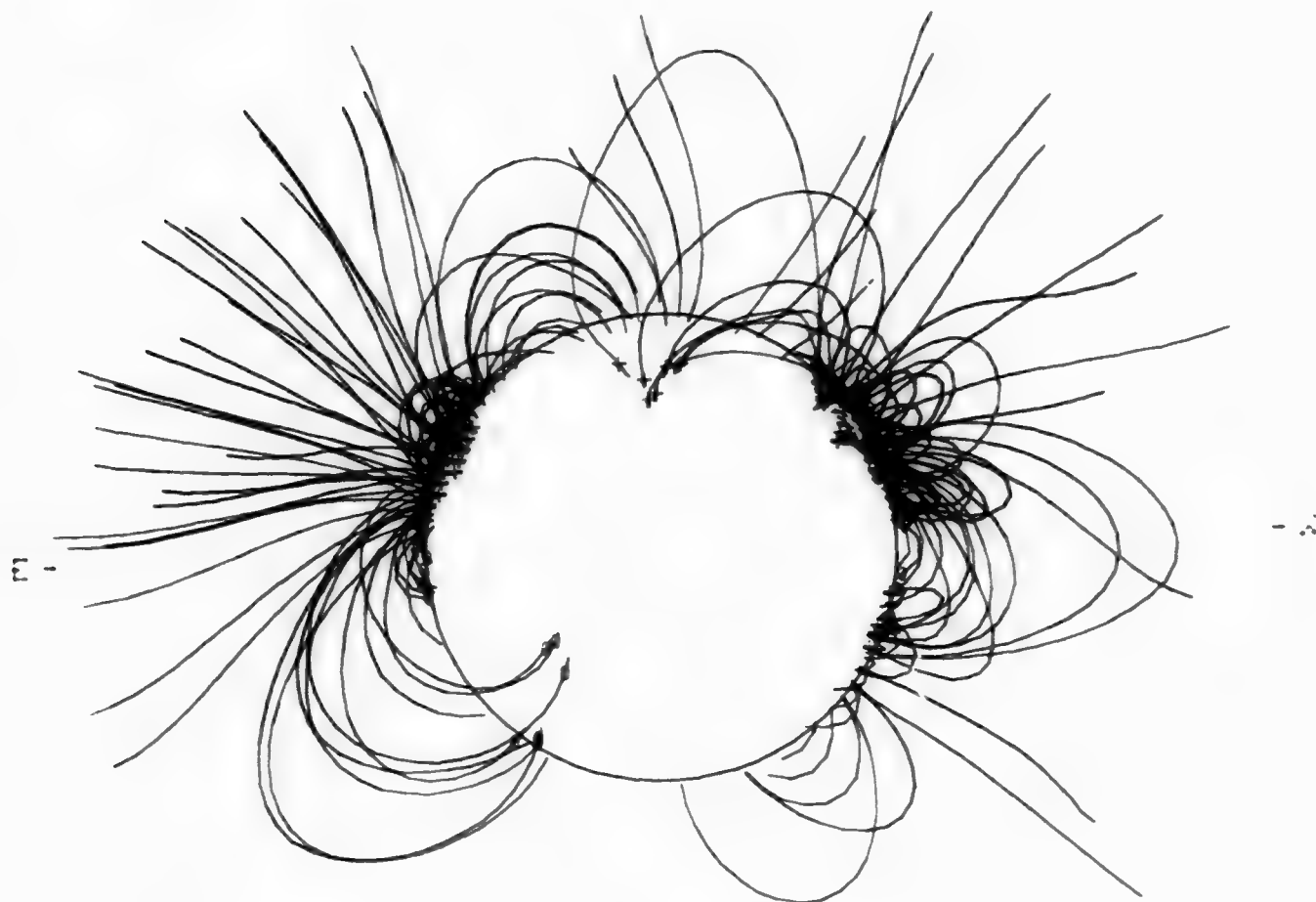
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA AREA 1518.47

15.8 15.8 15.8
15.8 15.8 15.8

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

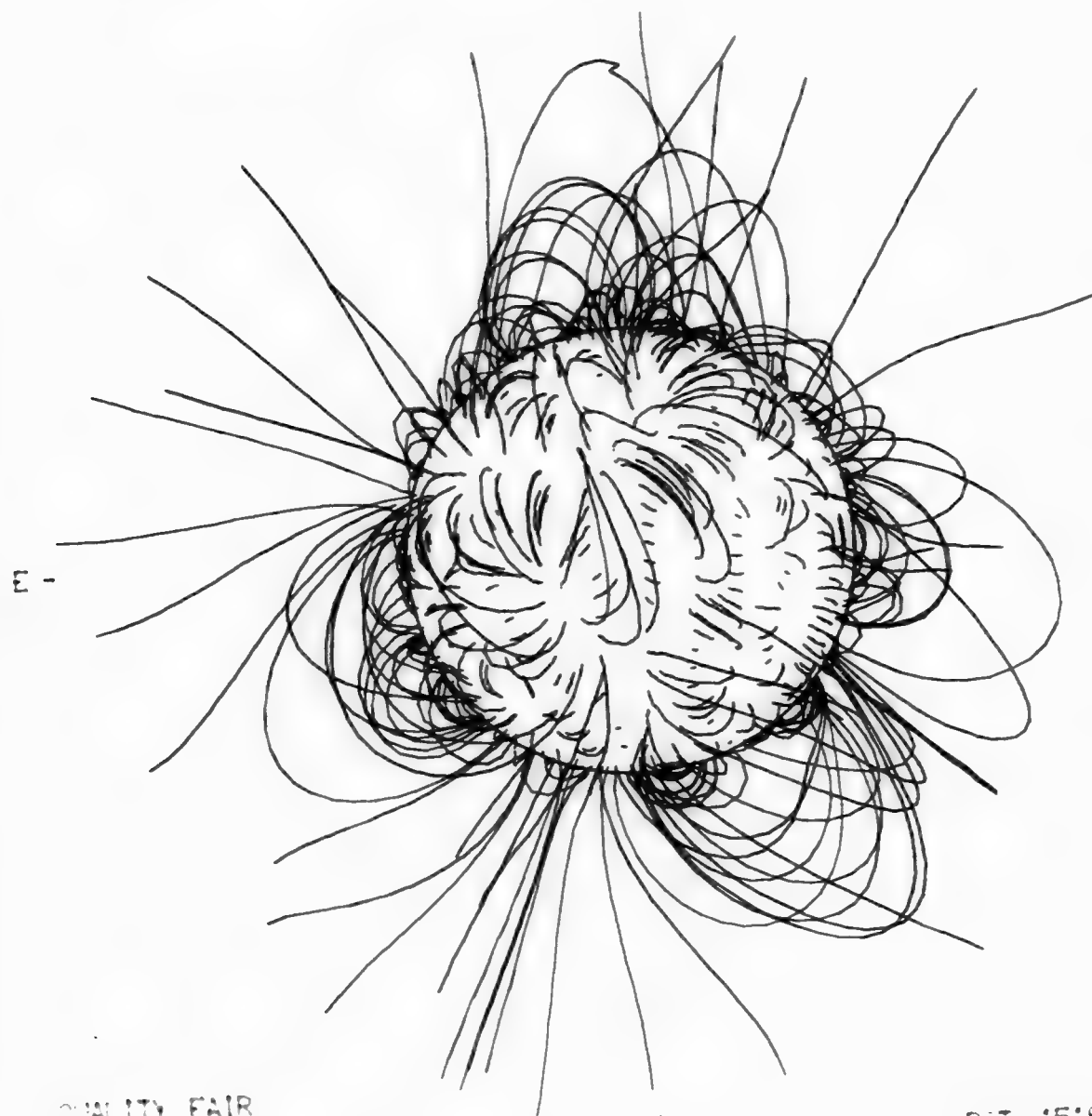
DATA AND/OR 1518.47

S

ROT. 1518 LONG. 61°

15.8 MAR 1957

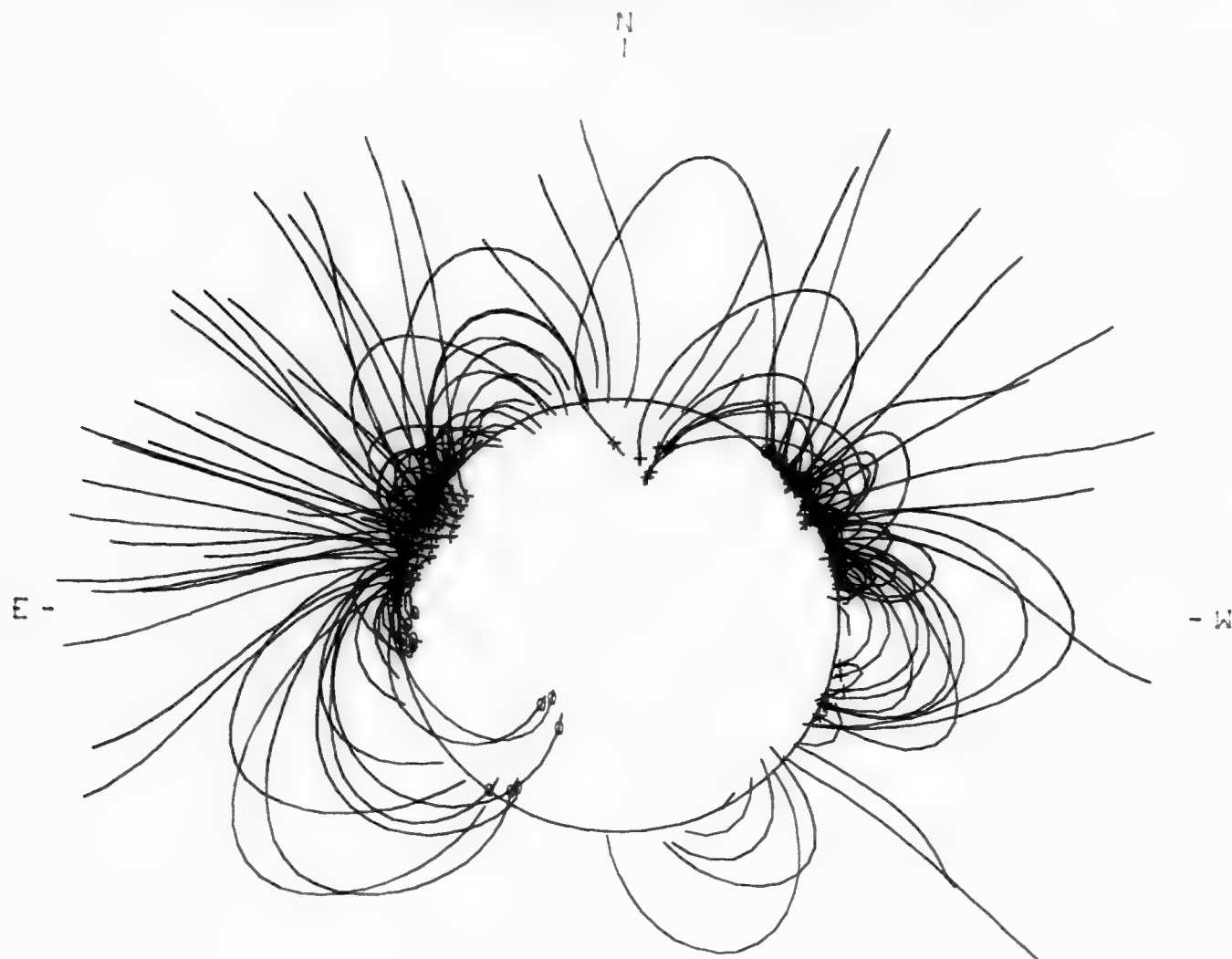
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1518.47

ROT. 15.8 2013. 71°
15.5 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

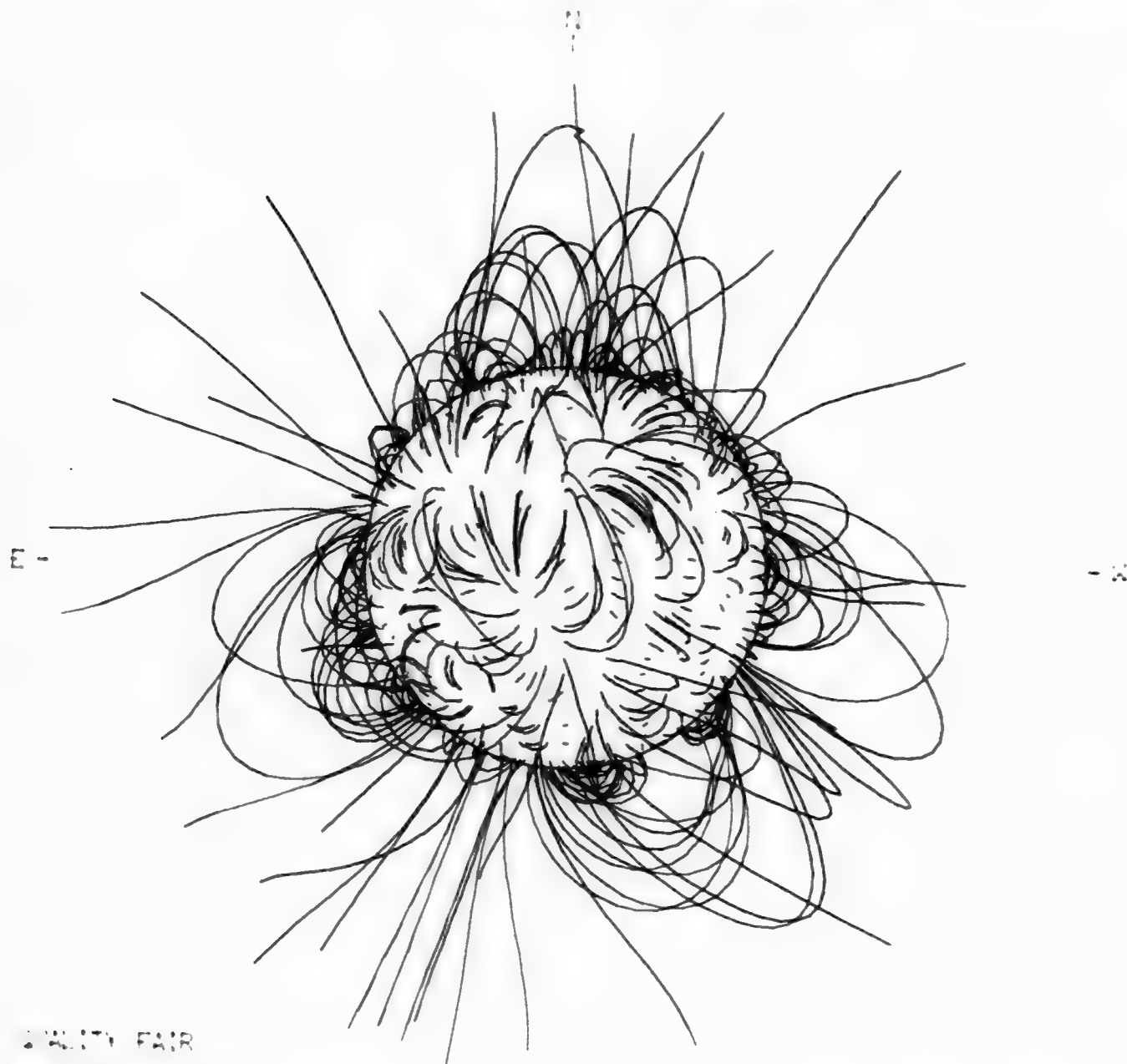
DATA WINDOW 1518.47

1
S

ROT. 1518 LONG. 70°

16.6 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

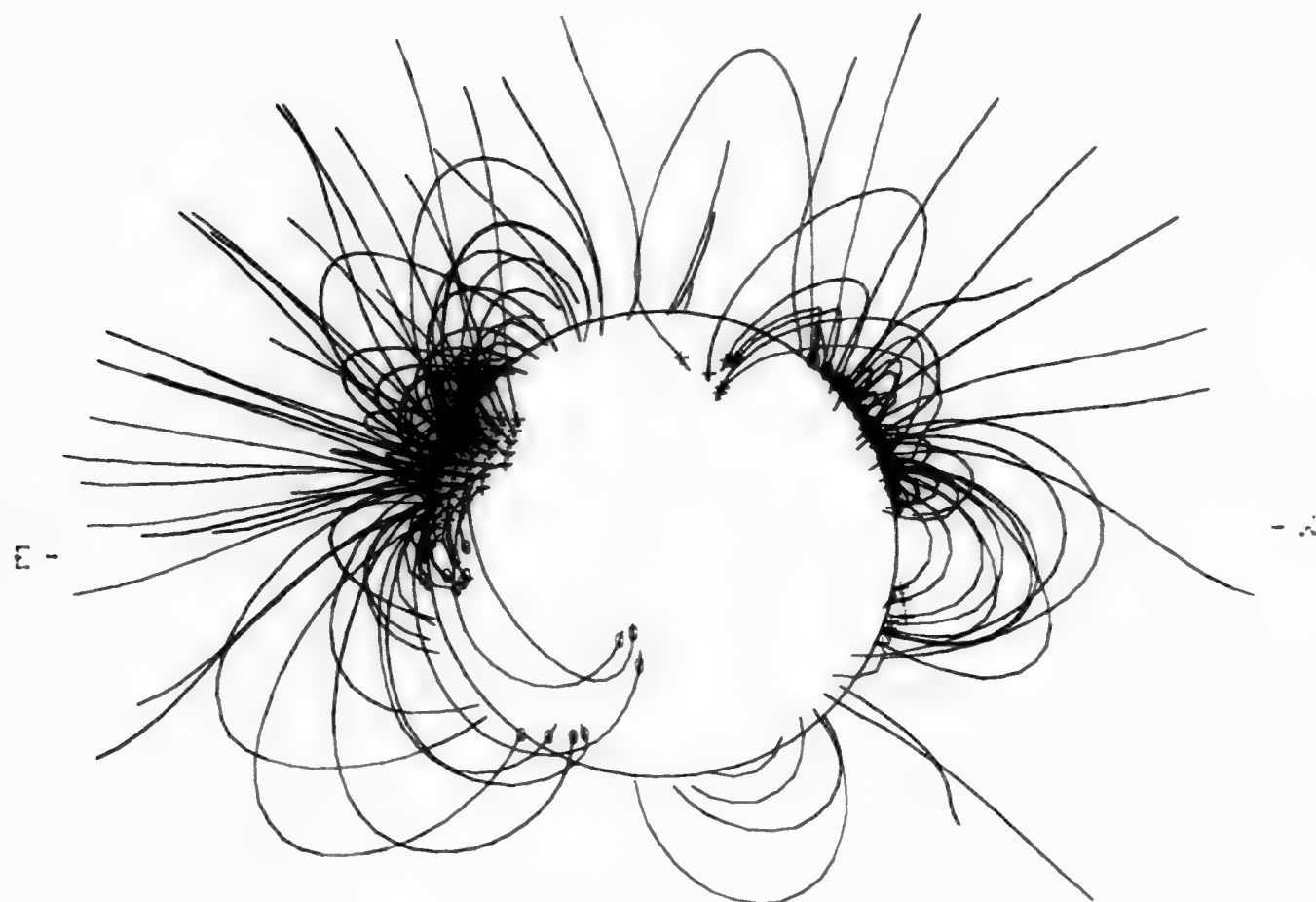
DATA NUMBER 1518.47

S

R.T. 1518 2019. 60°

17.4 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1518.47

S

RUT. 1518 1113. 21°

17.4 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

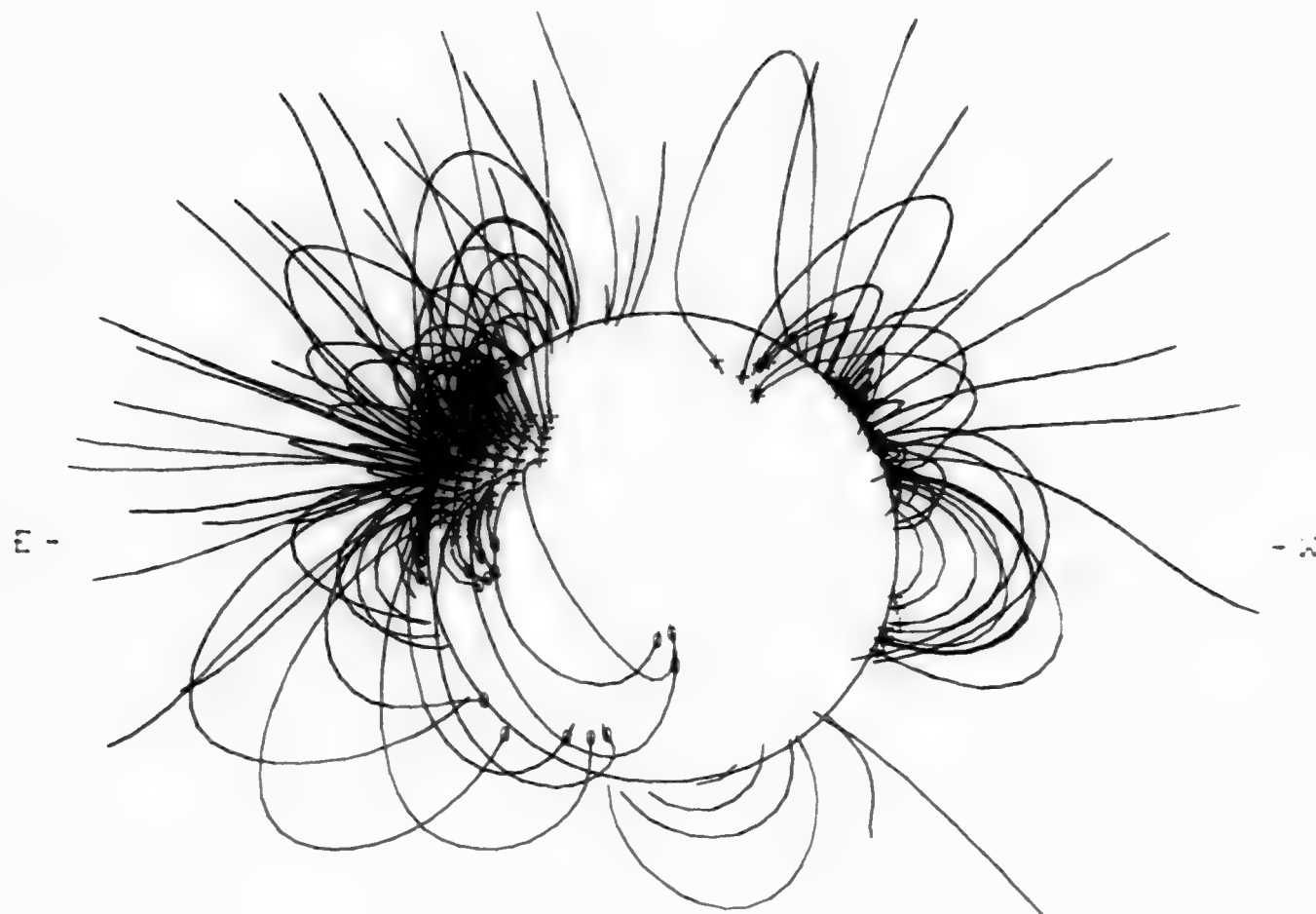
DATA WINDOW 1518.47

S

ROT. 15.8 LING. 50°

18.1 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

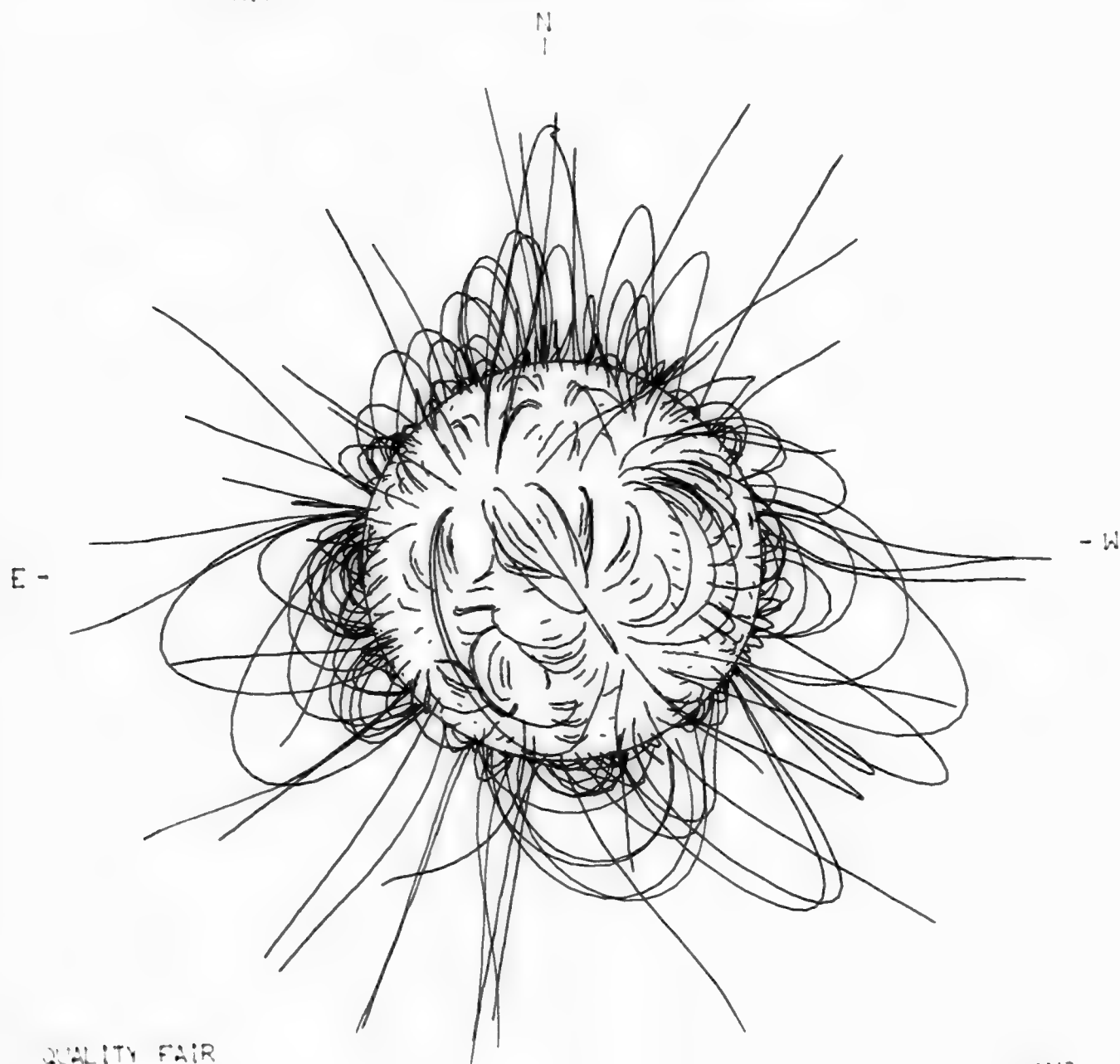
DATA WIND IN 1518.47

S

RUT. 1518 LUG. 1518

18.1 1518 1518

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

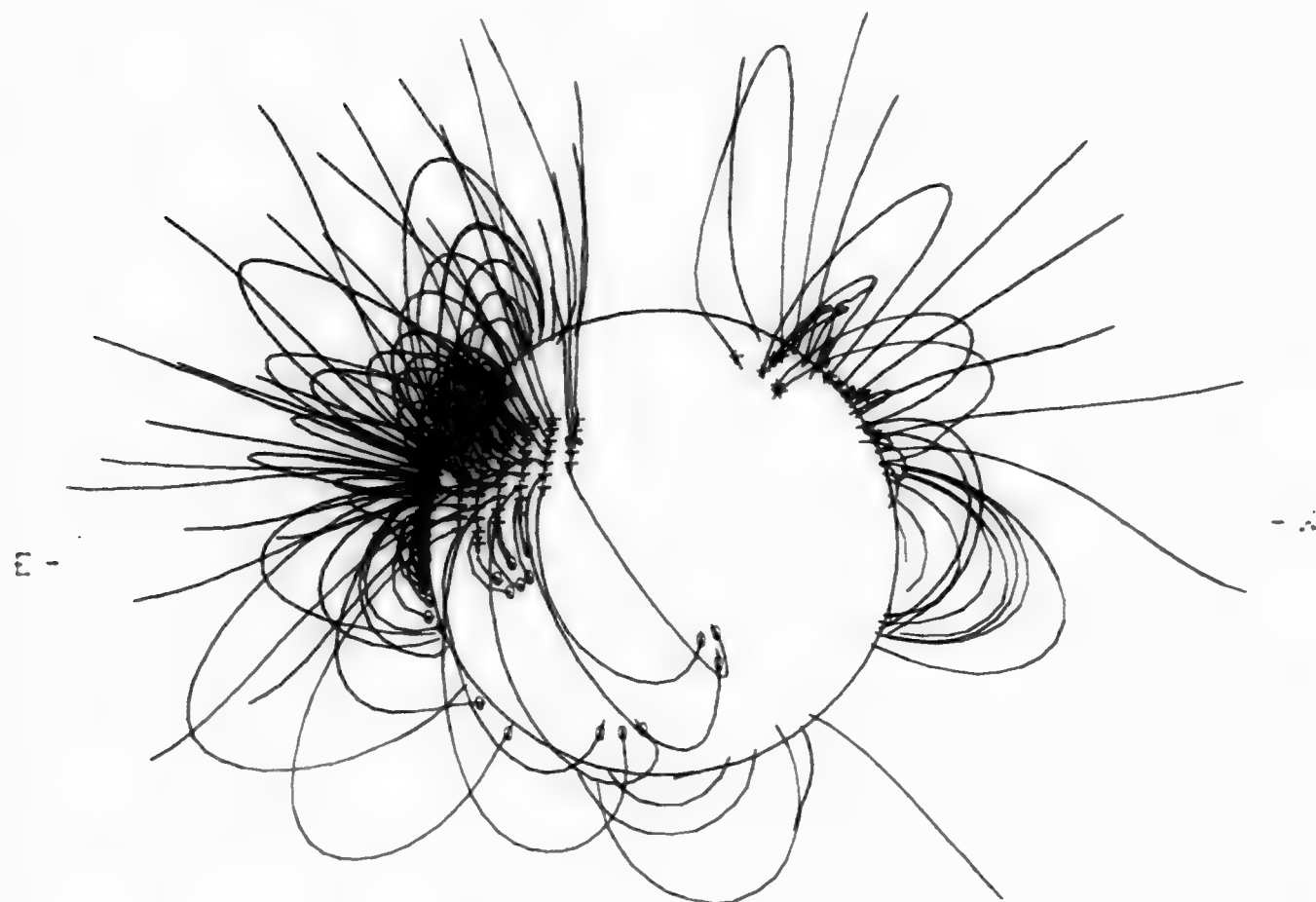


QUALITY FAIR
POLES DIRECT
DATA WINDOW 1518.47

S

ROT. 1518 LONG. 40°
18.9 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

DATA WINDOW 1518.47

S

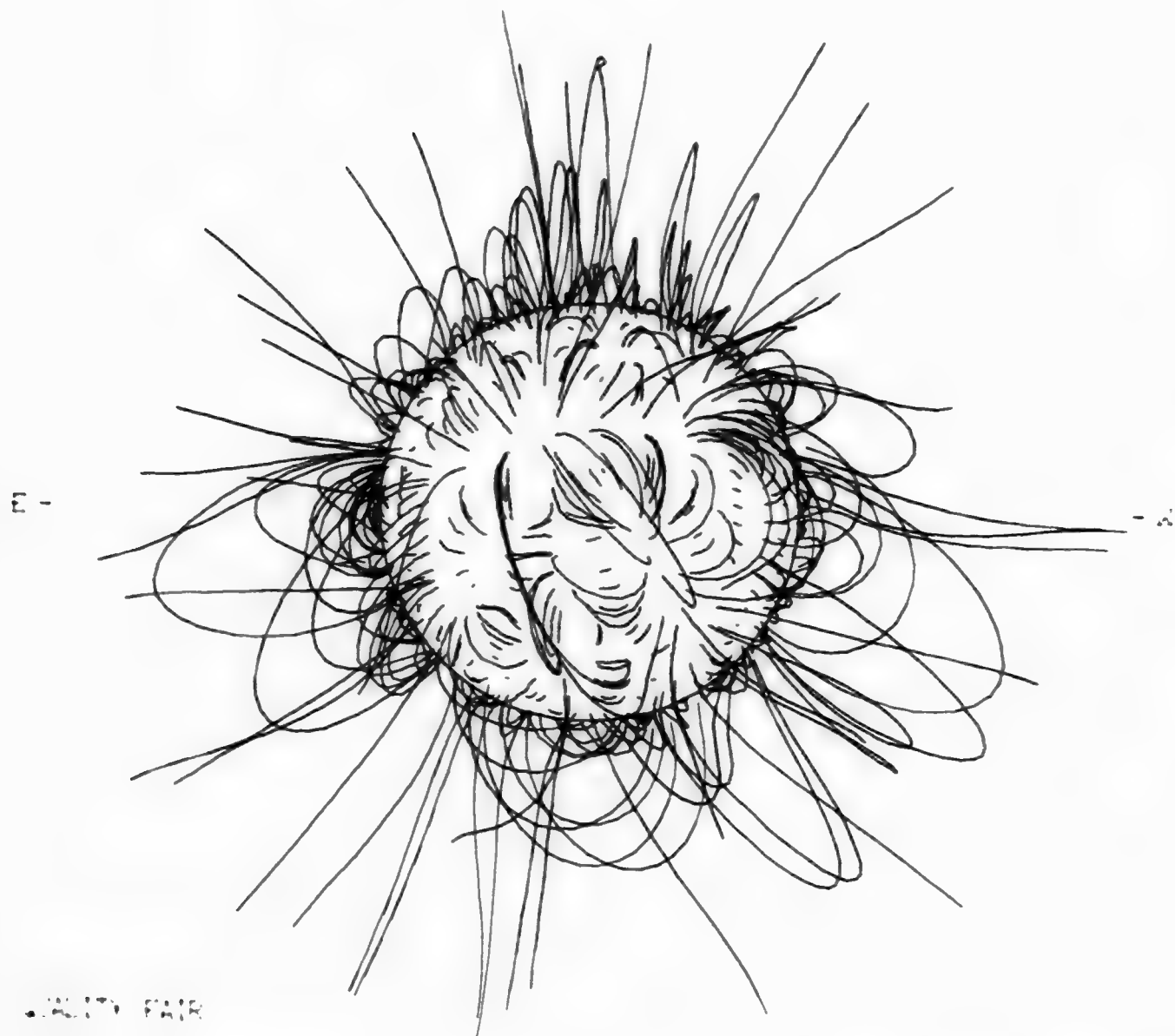
RCT. 1518

LONG. 41°

18.4 1968

1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

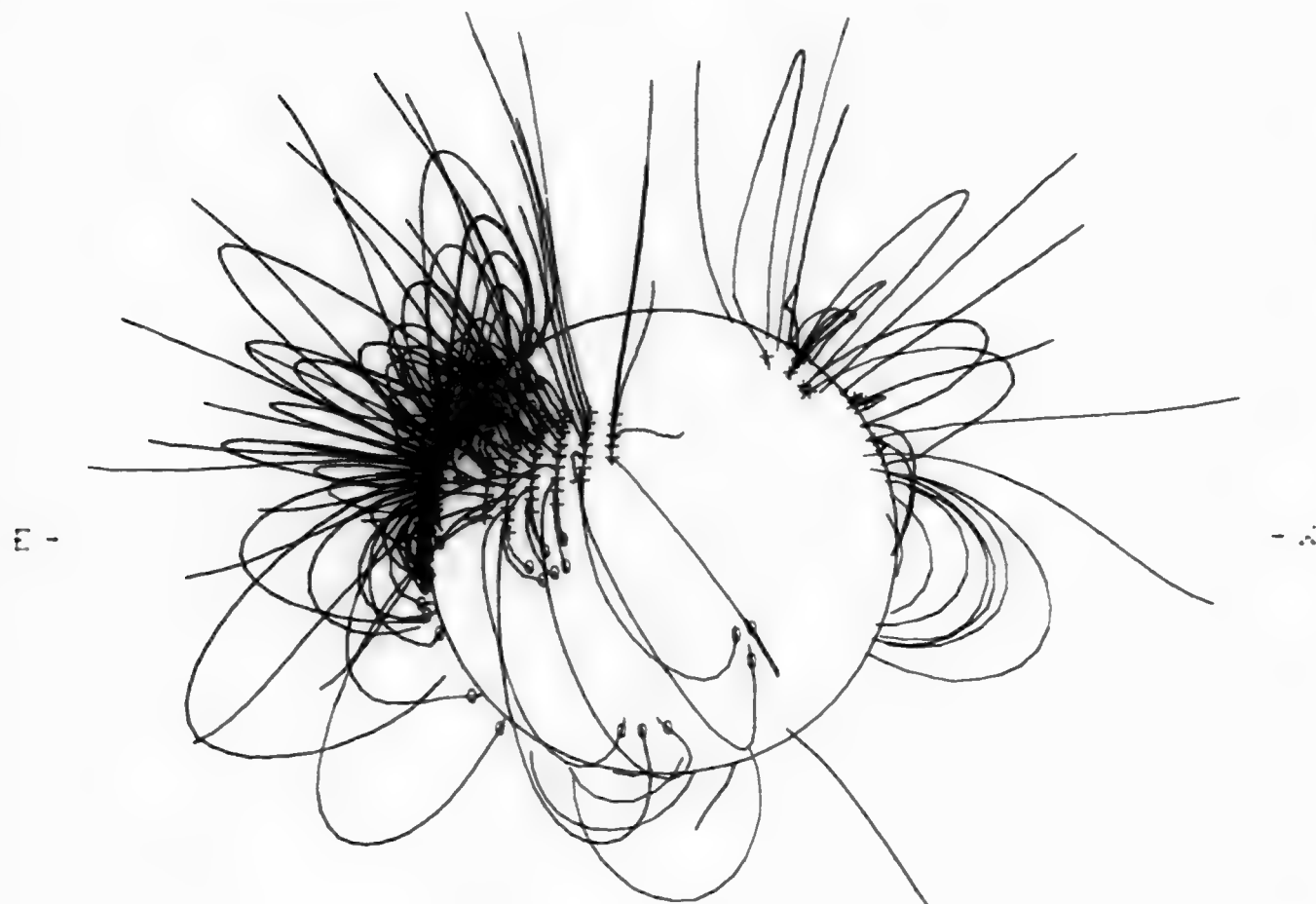
DATA WINDOW 1518.47

1
S

607.1518 2013.31°

19.5 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

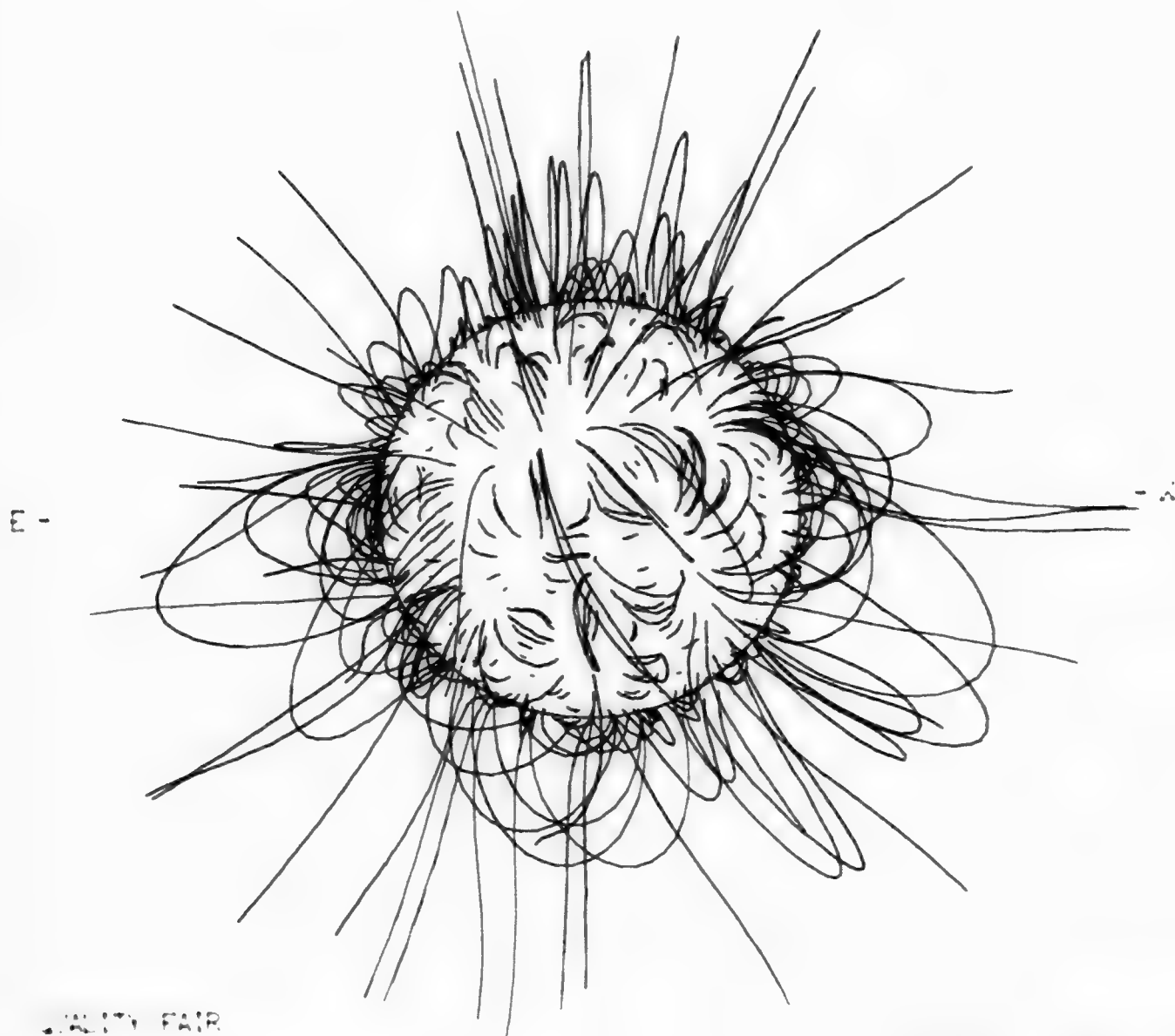
DATA WINDOW 1518.47

S

RJT. '5'8 LUG. 31'

19.6 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

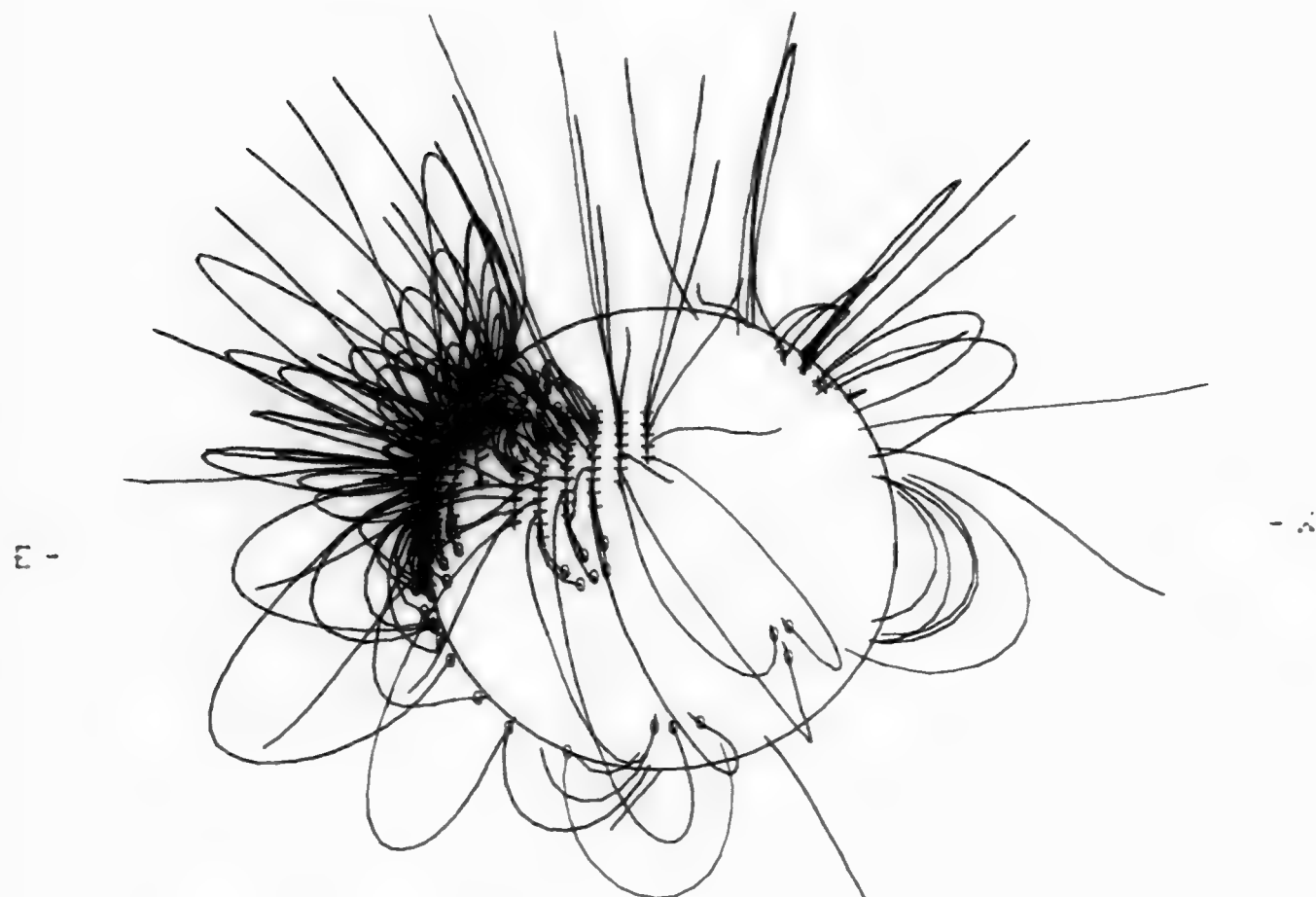
DATA WINDOW 1518.47

S

ROT. 15.8 20.0 21.0

20.4 20.8 21.2

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

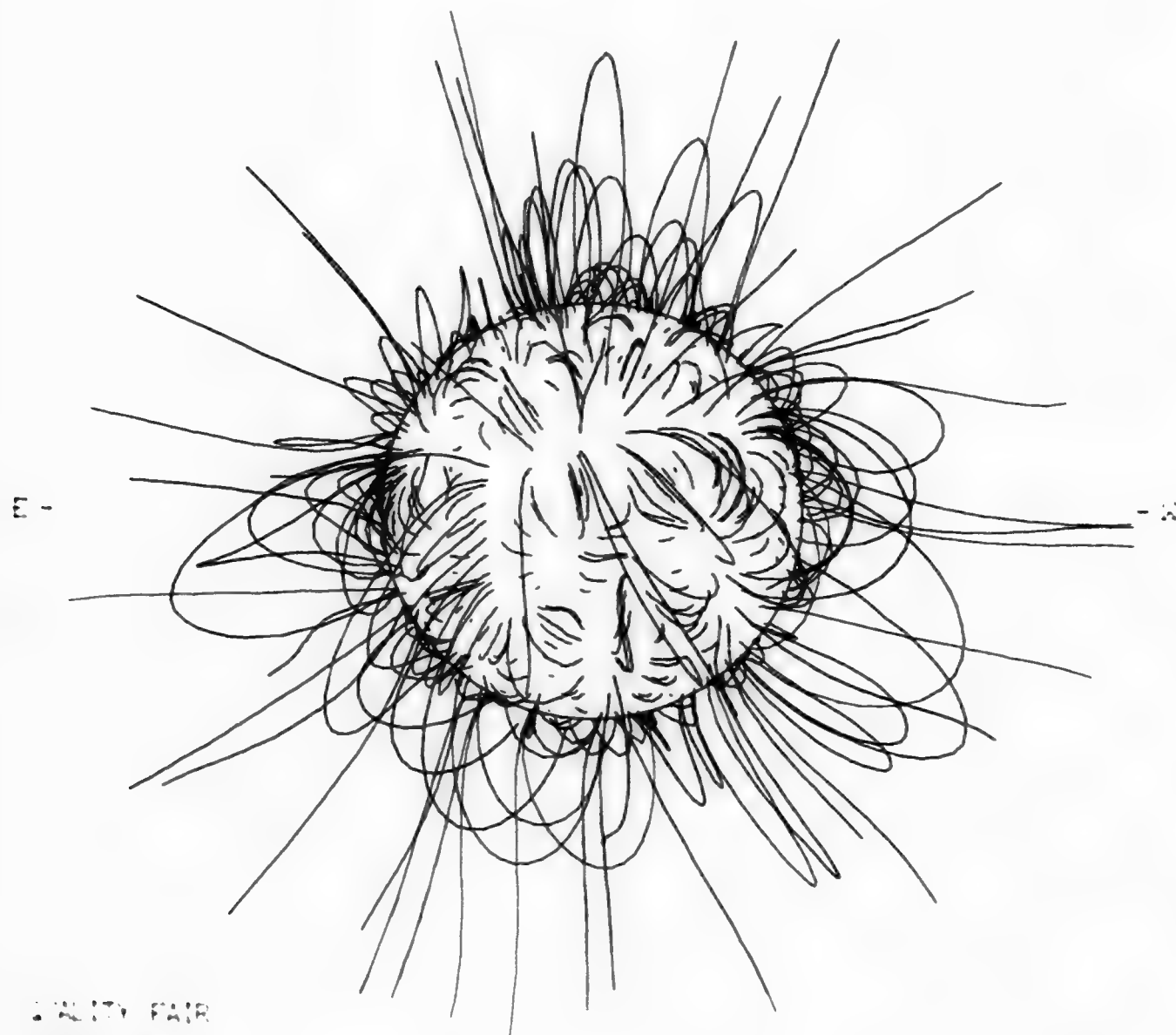
POLES DIRECT

DATA WINDOW 1518.47

S

ROT. 1518 1518.47
20.4 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

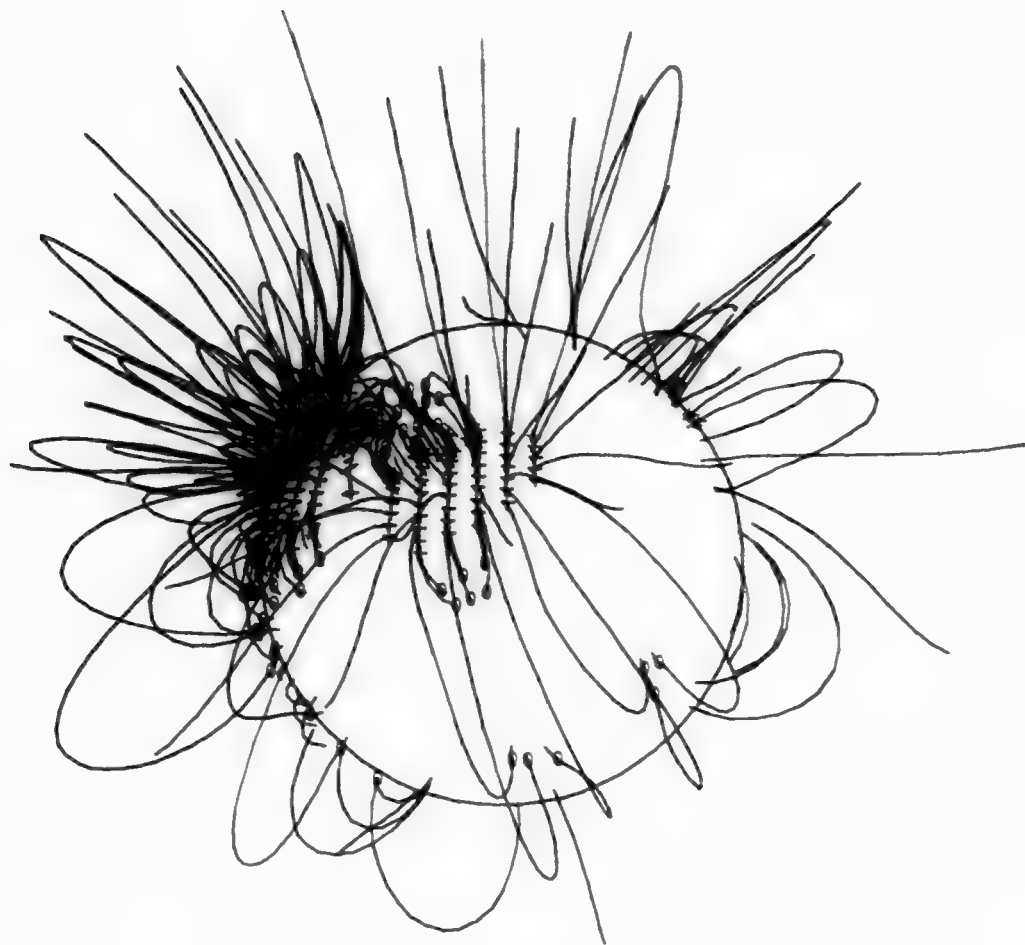
DATA NUMBER 1518.47

N
S

RLT. 1518 JUL. 1967

21.1 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

- A

QUALITY FAIR

POLES DIRECT

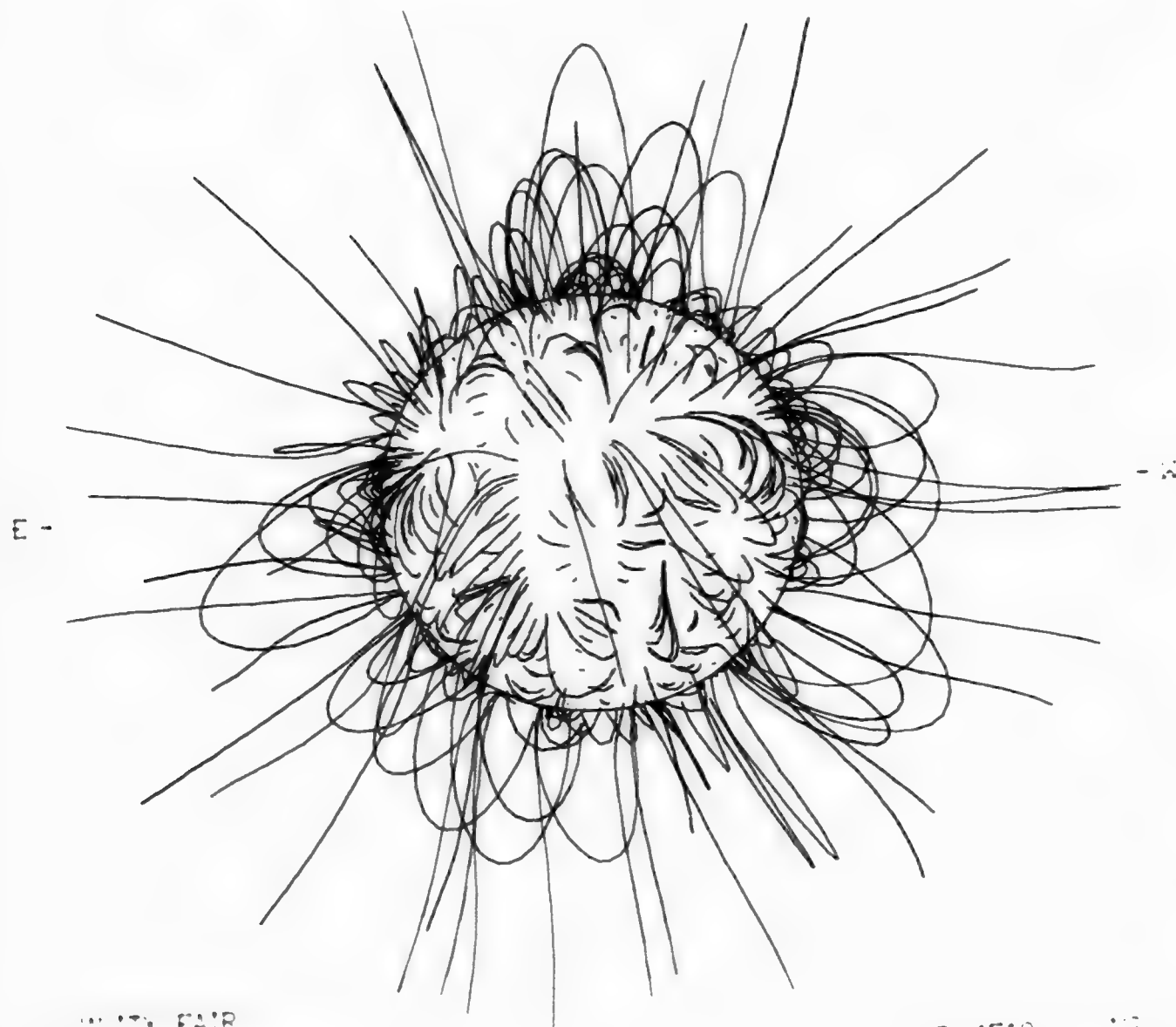
DATA WIND IN 1518.47

S

RCT. 1518 1000. 100

21.1 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

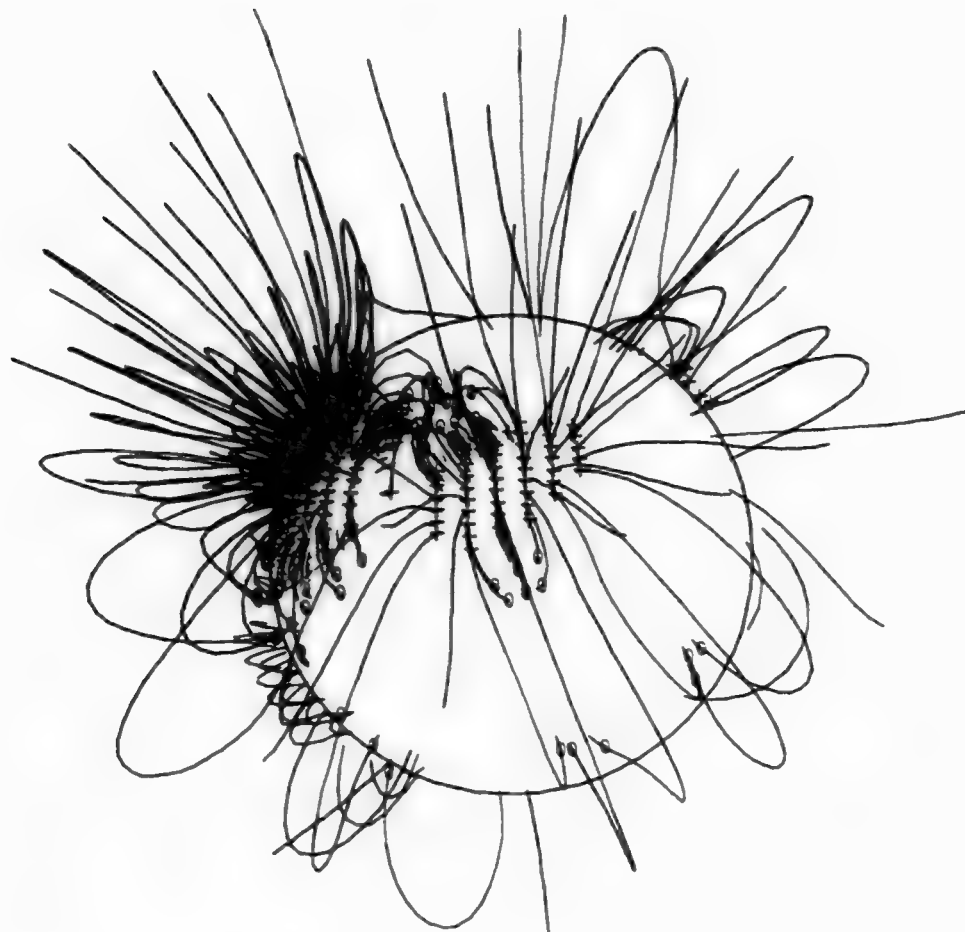


QUALITY FAIR
FILES DIRECT
DATA WINDOW 1518.47

ROT. '5'8 21.5 MAR '67

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

11
11
11



E -

- S

QUALITY FAIR

POLES DIRECT

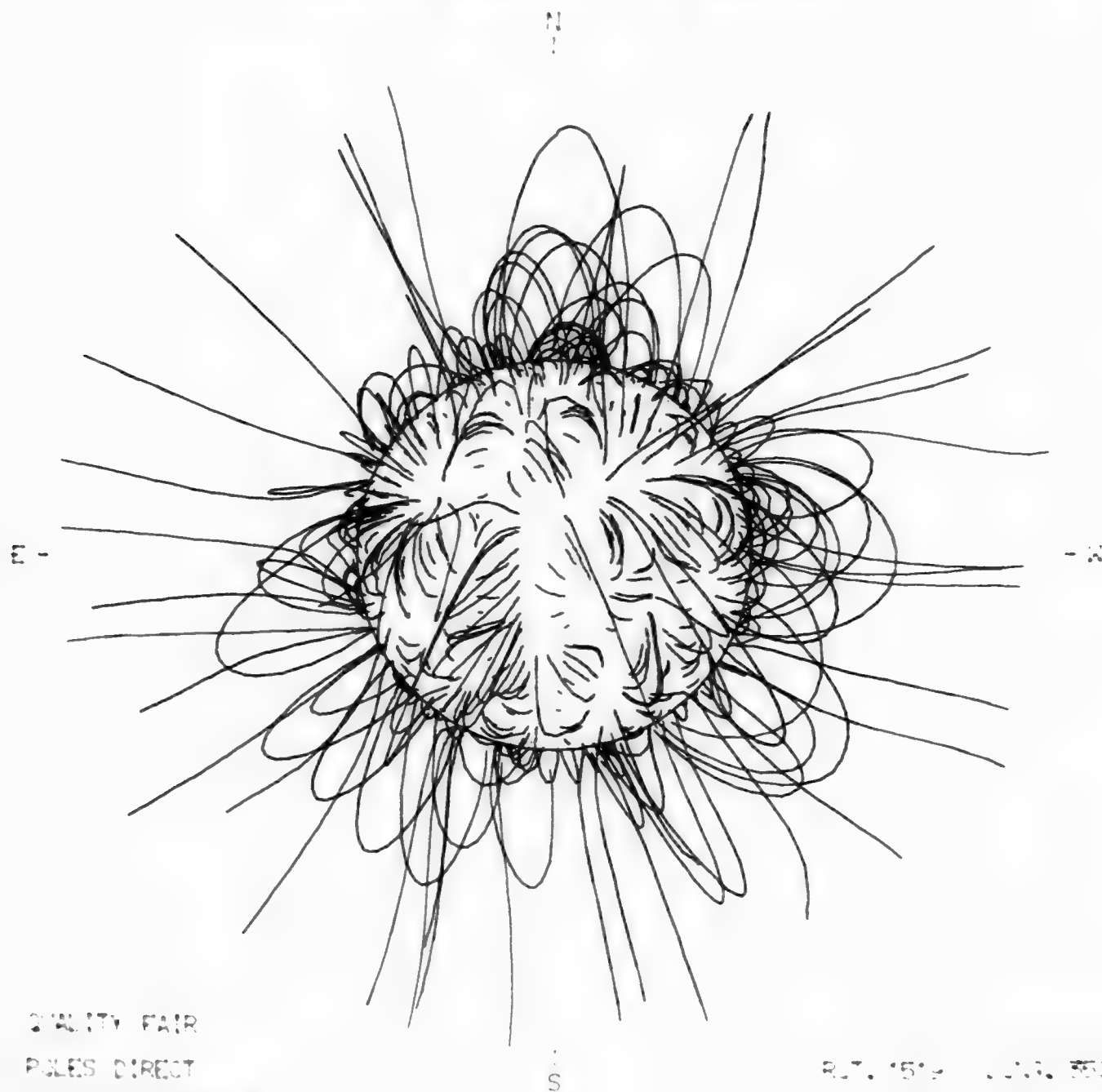
DATA WINDOW 1518.47

11
S

RCT. 1518 LING. 11

21.5 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

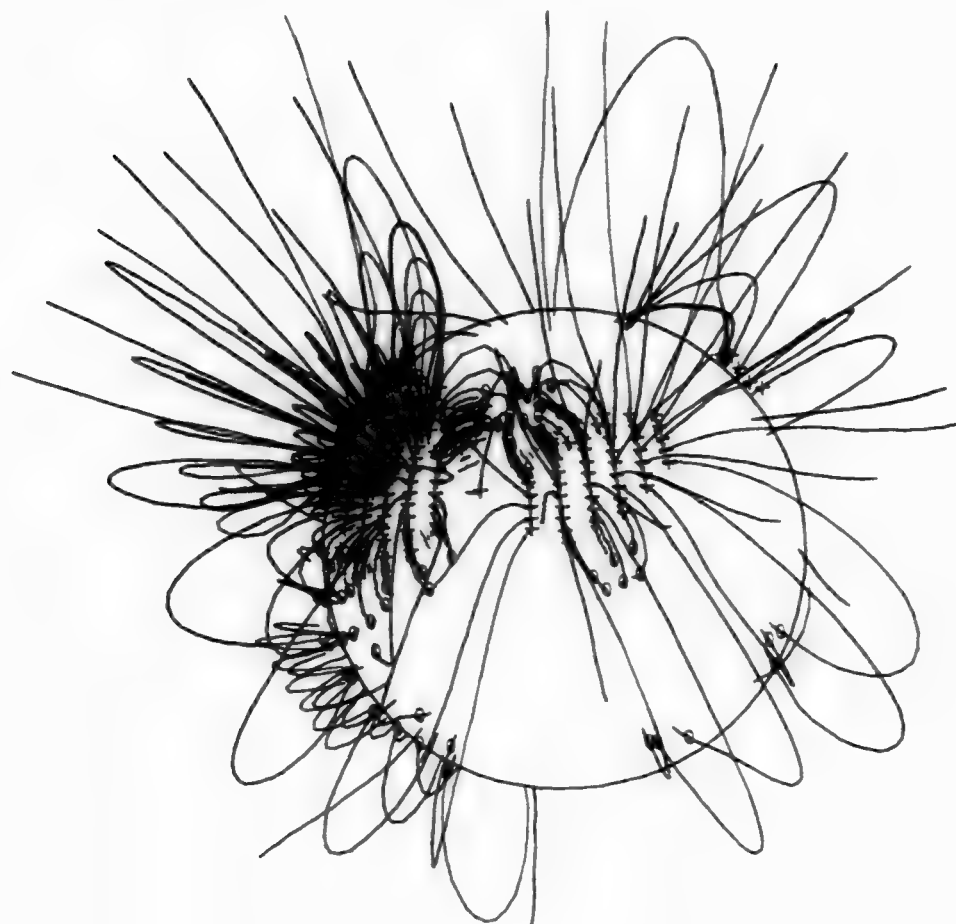
POLES DIRECT

DATA WIDE JN 1518.47

R.T. 1518.47 J.N. 1518.47

22.7 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

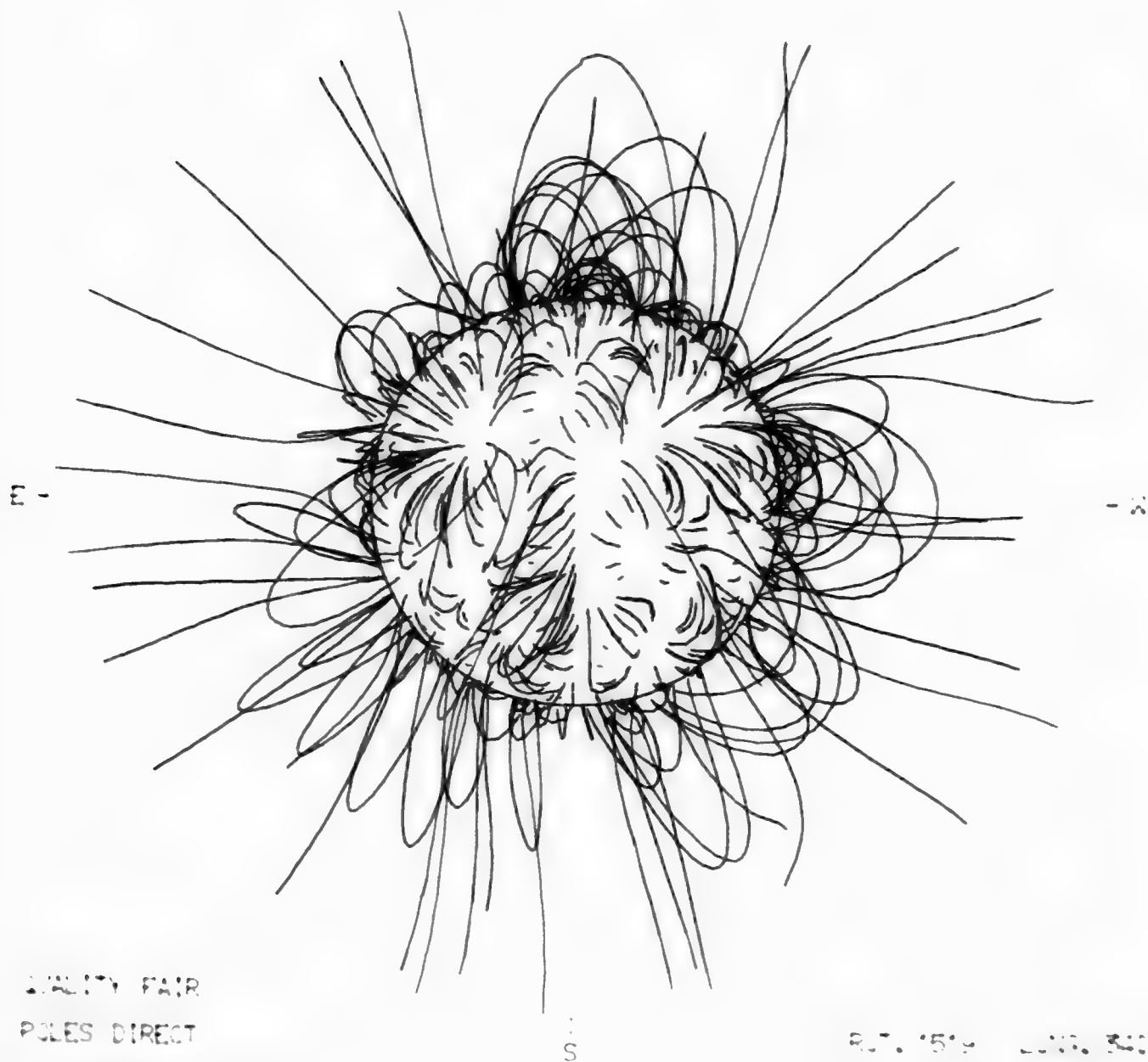
QUALITY FAIR

POLES DIRECT

DATA VALUE 1518.47

8.7. '51.9 1.10. 35.1°
22.7 '54.8 '54.7

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

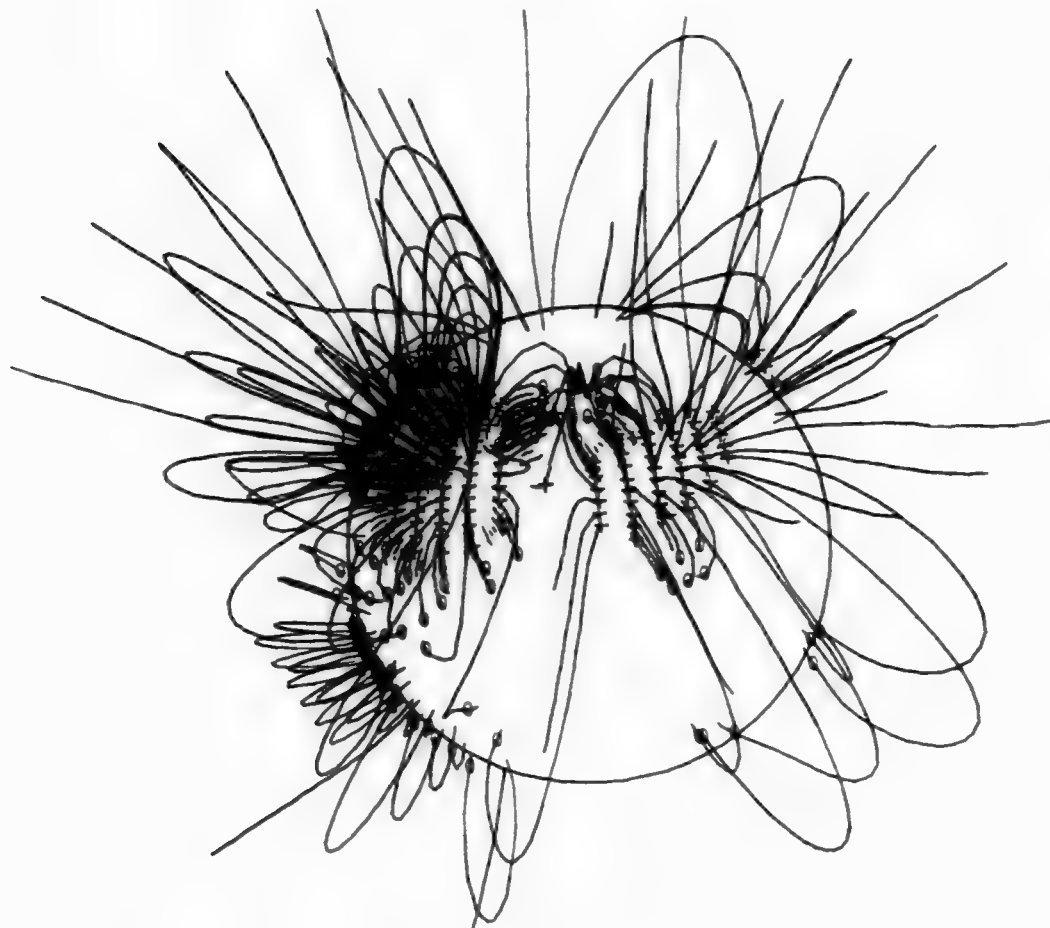
POLES DIRECT

DATA WINDOW 1518.47

RCT. 1518 1518.47

23.4 MAR 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

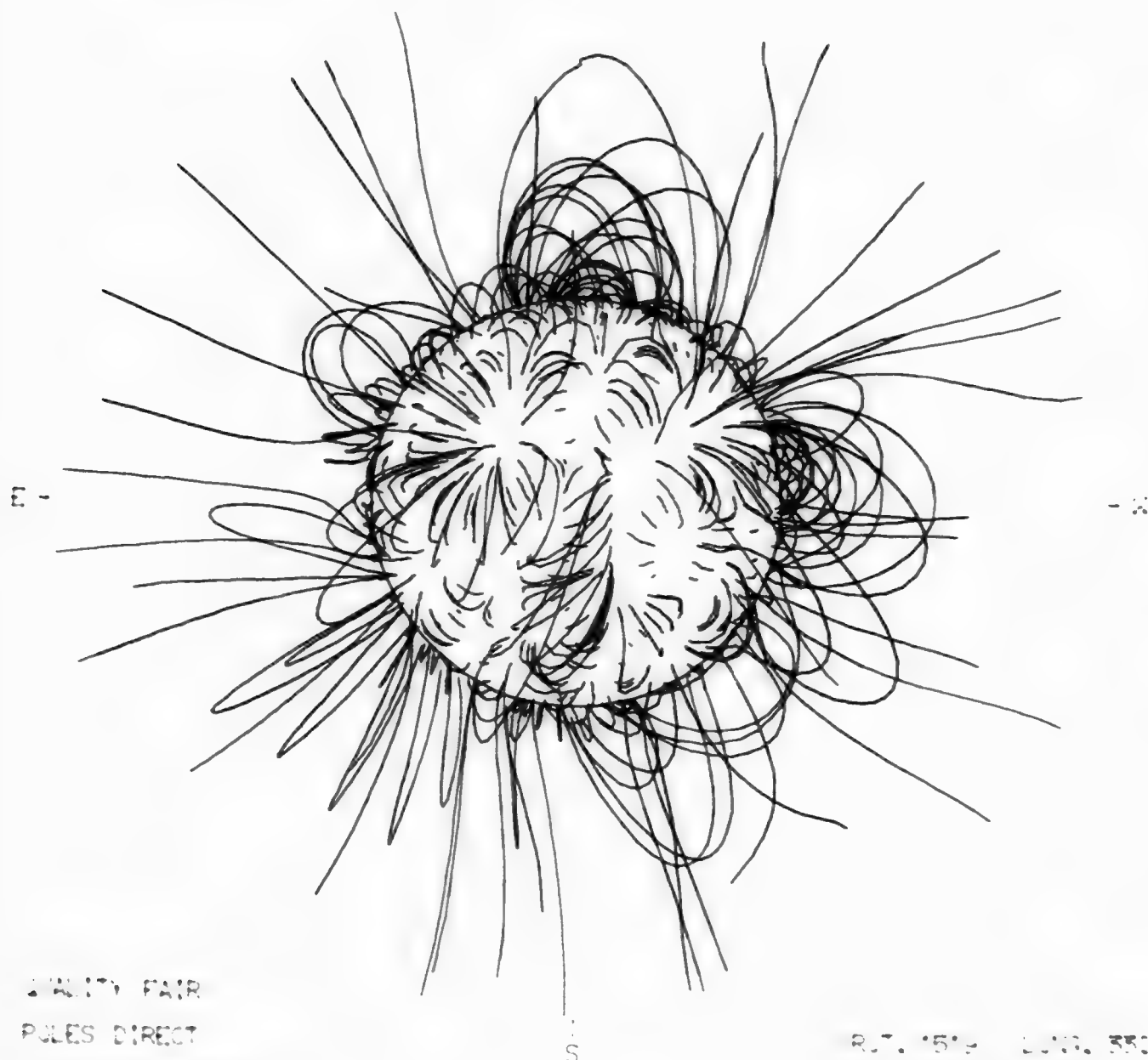
DATA WINDOW 1518.47

S

RET. 1519 1010.341

23.4 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

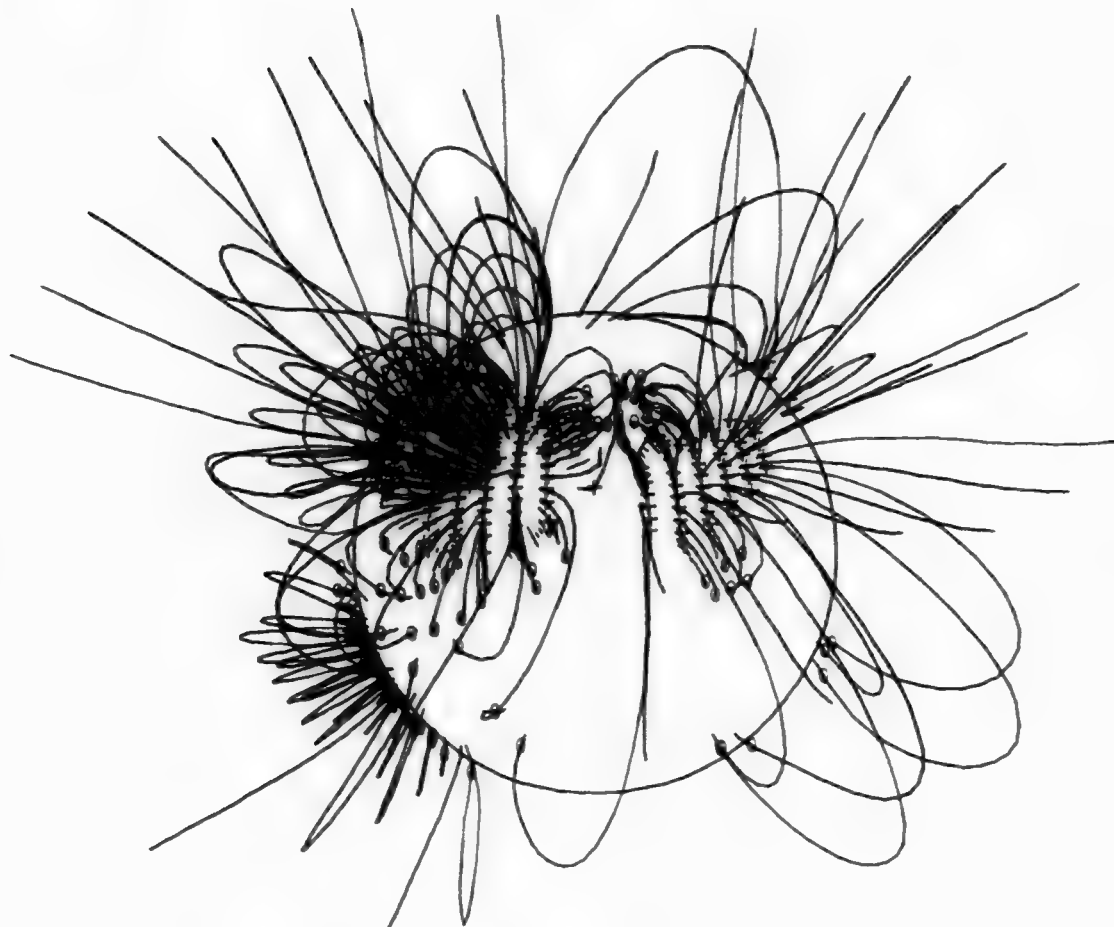
POLES DIRECT

DATA WIKI IN 1518.47

R.T. 1519 1010.350

24.2 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

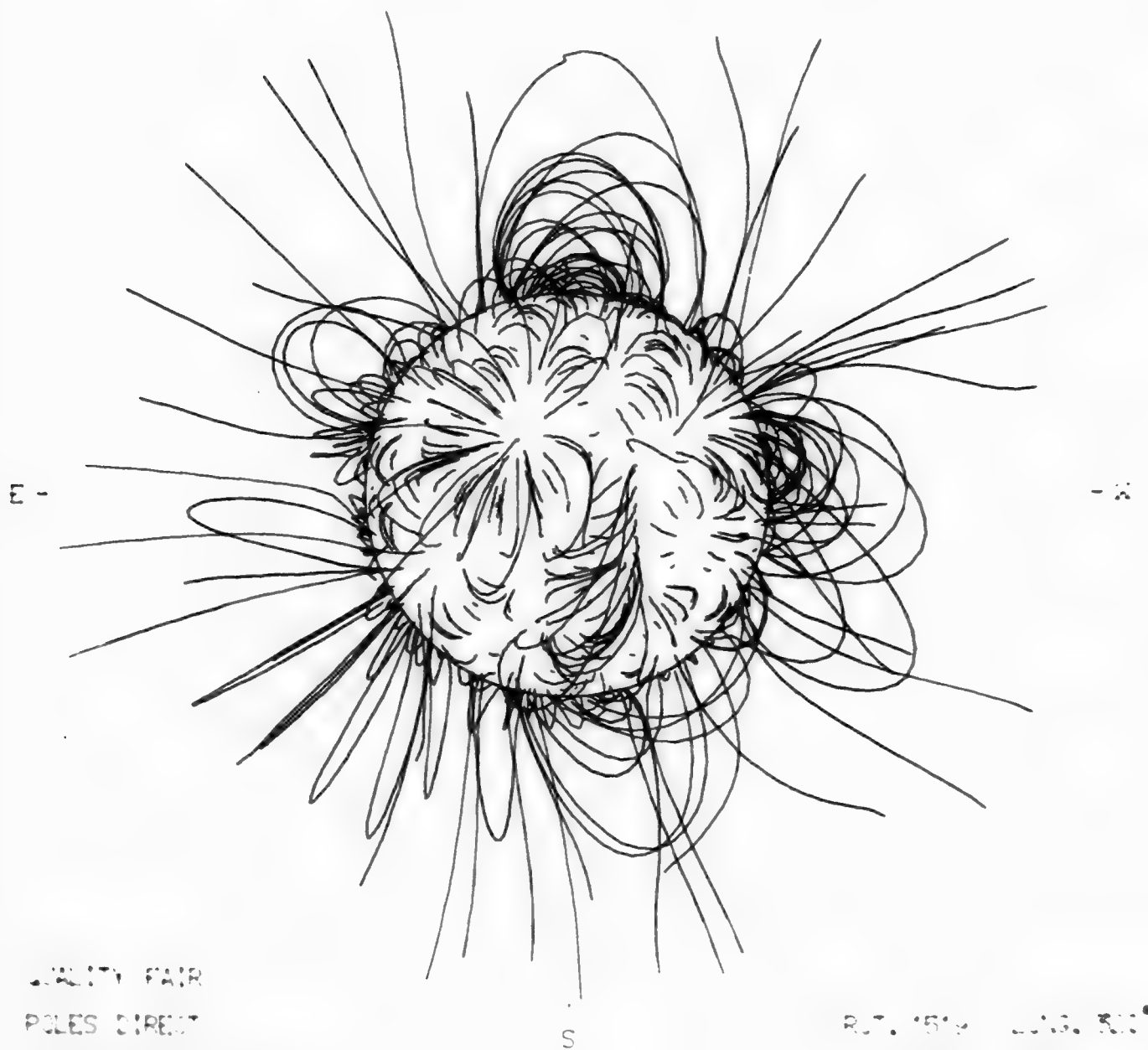
DATA WINDOW 1518.47

S

RUT. 1519 LONG. 551°

24.2 MAR 1967

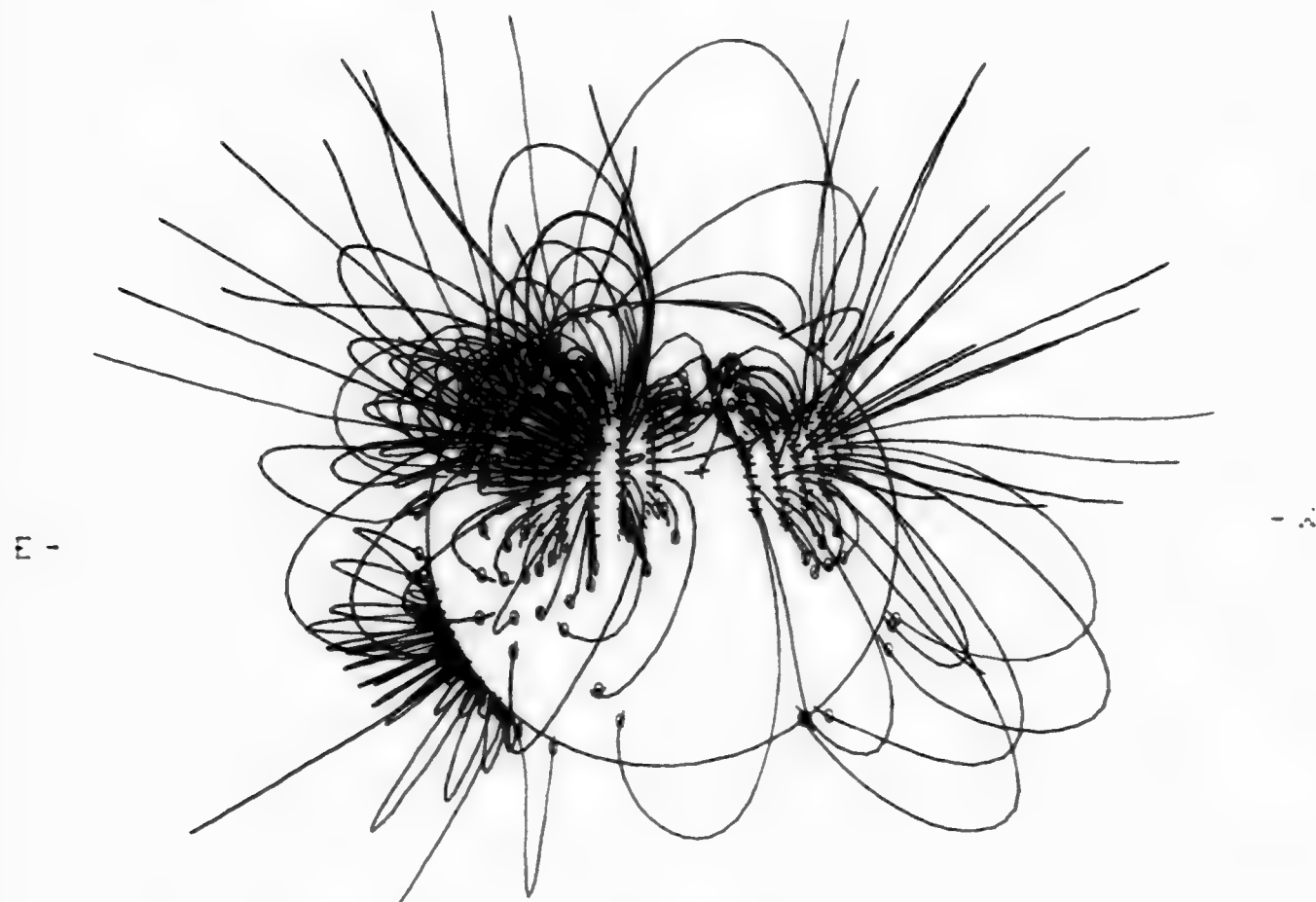
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1518.4"

R.T. 1518 L.T.G. 301°
24.5 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

QUALITY FAIR

POLES DIRECT

DATA WINDOW 1518.47

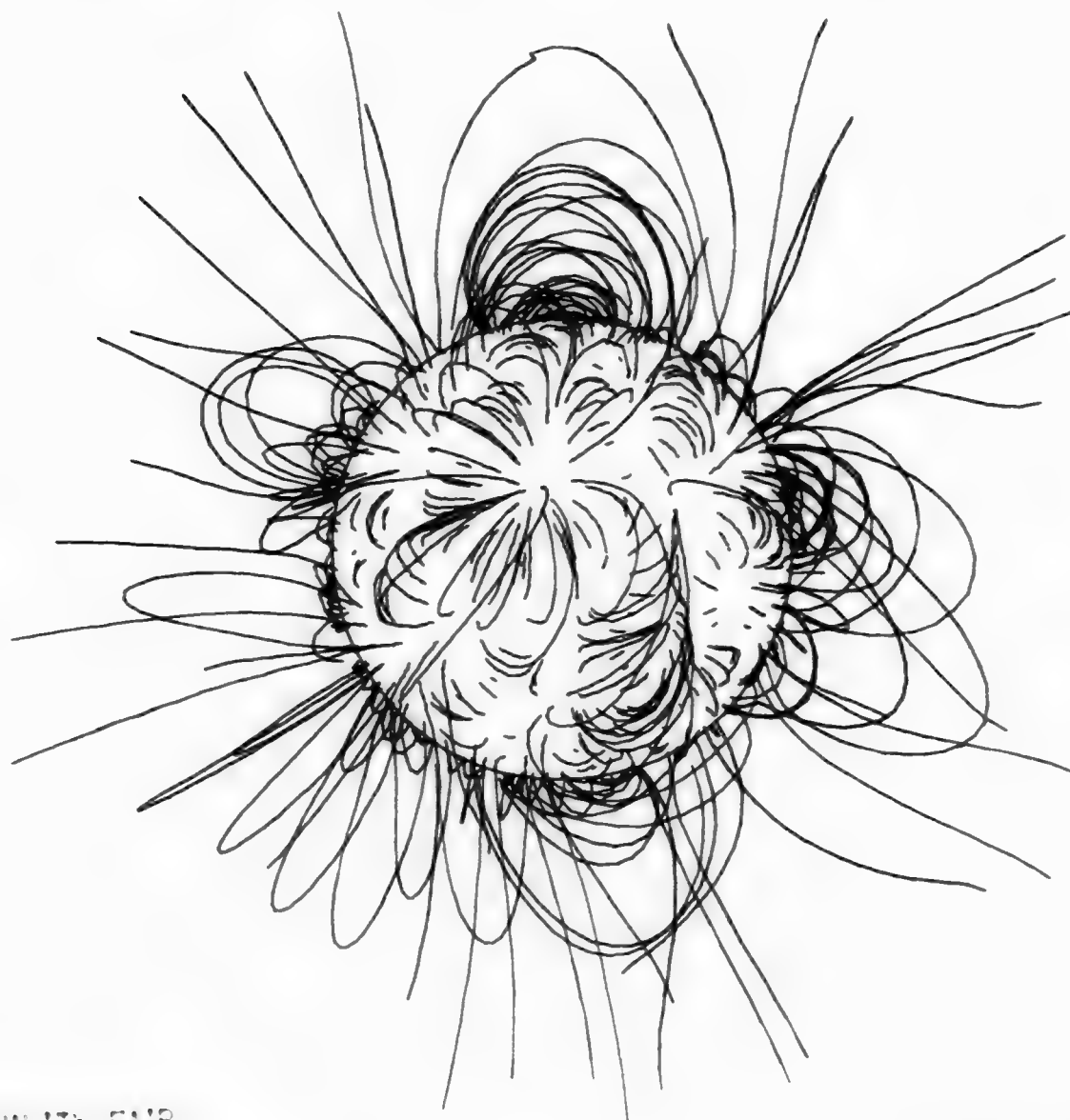
S

20.1515 20.1515

24.1515 24.1515

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



S

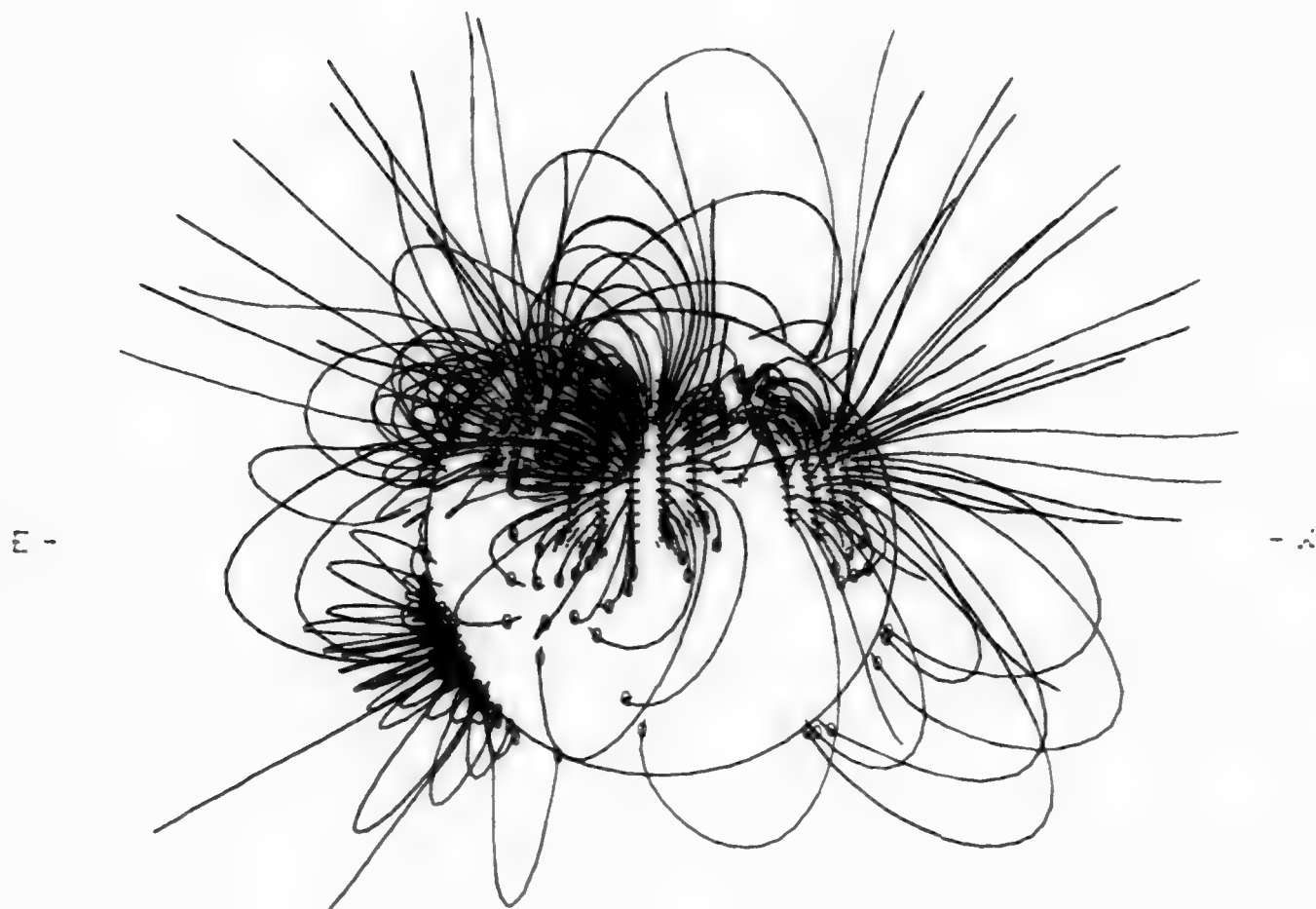
QUALITY FAIR

FILES DIRECT

DATA WIND IN 1518.47

20.1 15.9 100.5 100
25.1 148 100

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1518.47

207.1515 1113.311
25.7 1228 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

17 -



- 2

QUALITY FAIR

POLES DIRECT

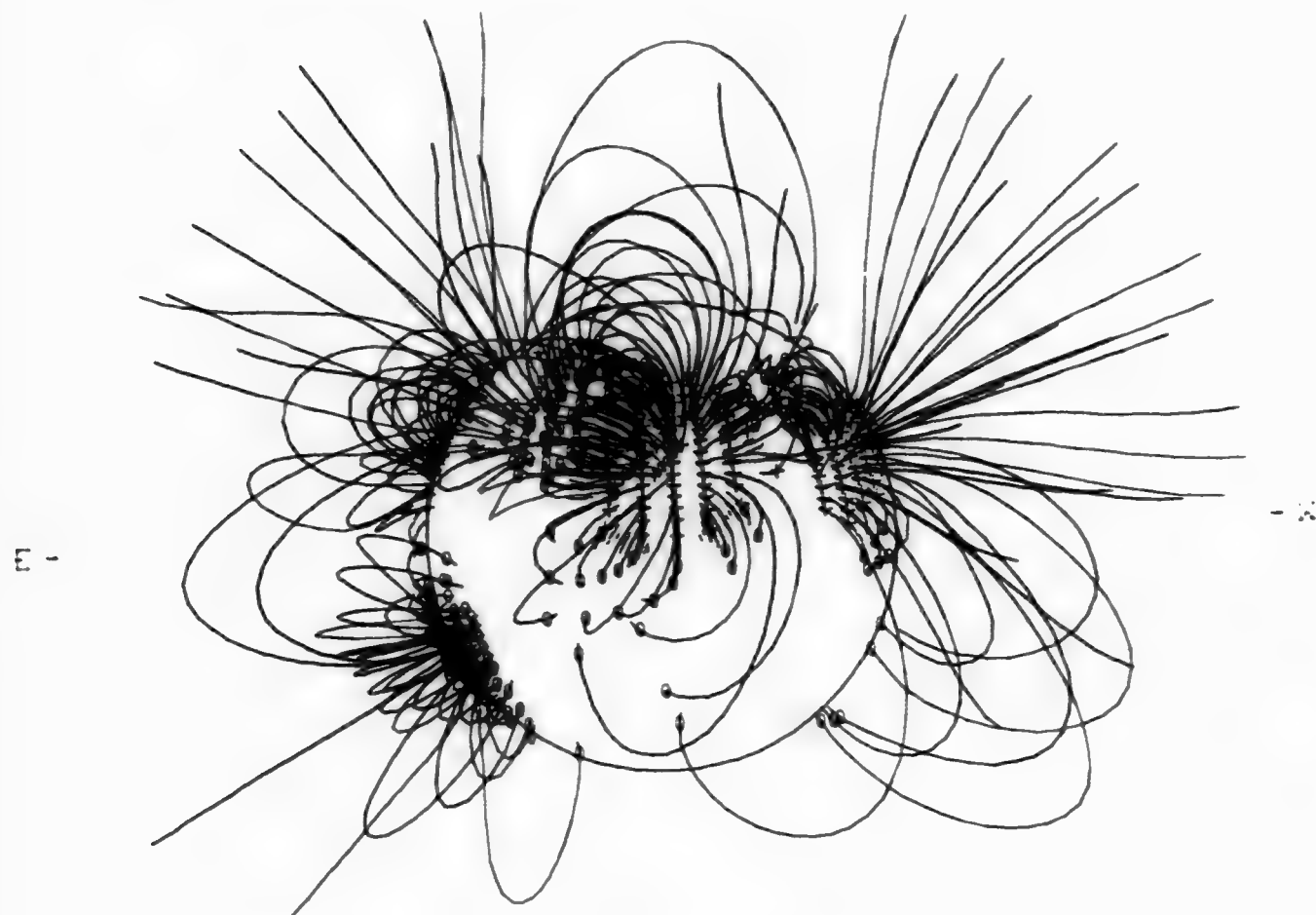
CATA WIND ON 1518.47

S

8.7. 1514 1016. 500°

26.4 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 PAGES DIRECT
 DATA NUMBER 1518.57

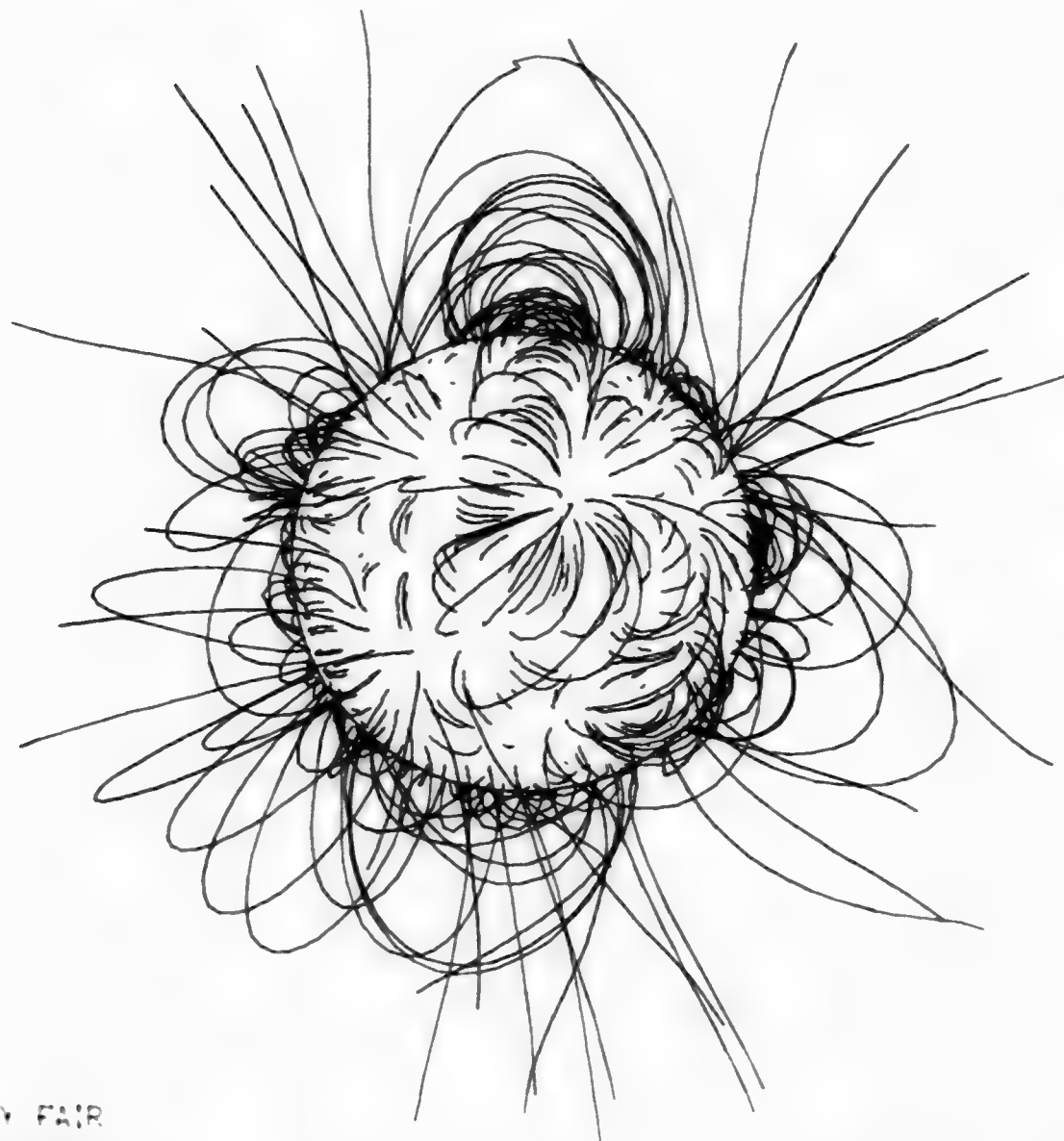
S

RCT. 1514 100.300°
 25.4 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

- W



S

QUALITY FAIR

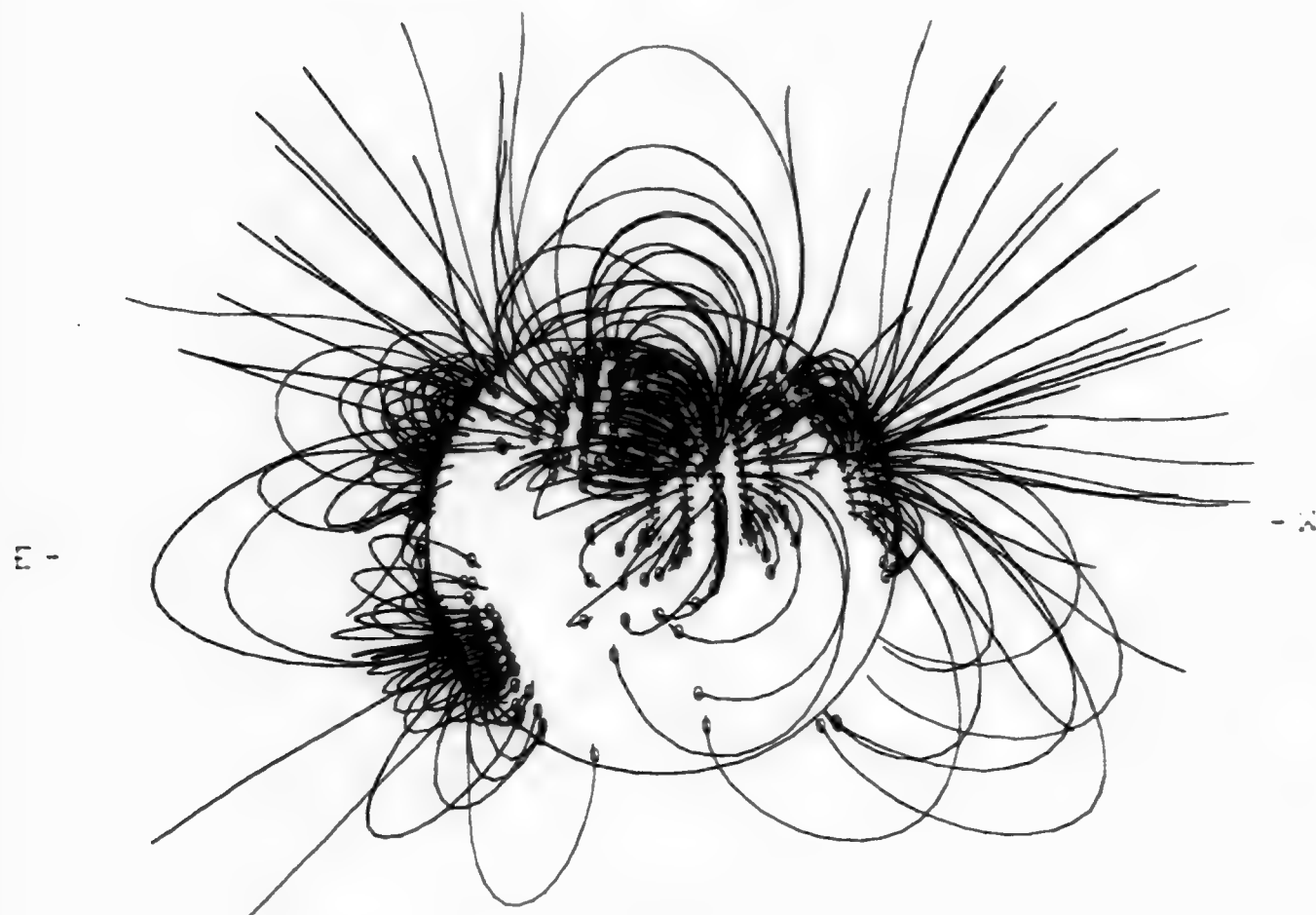
POLES DIRECT

LATA WINDU 1518.47

2.7. 15.15 1010. 24.1°

27.2 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1518.47

S

RCT. 1519

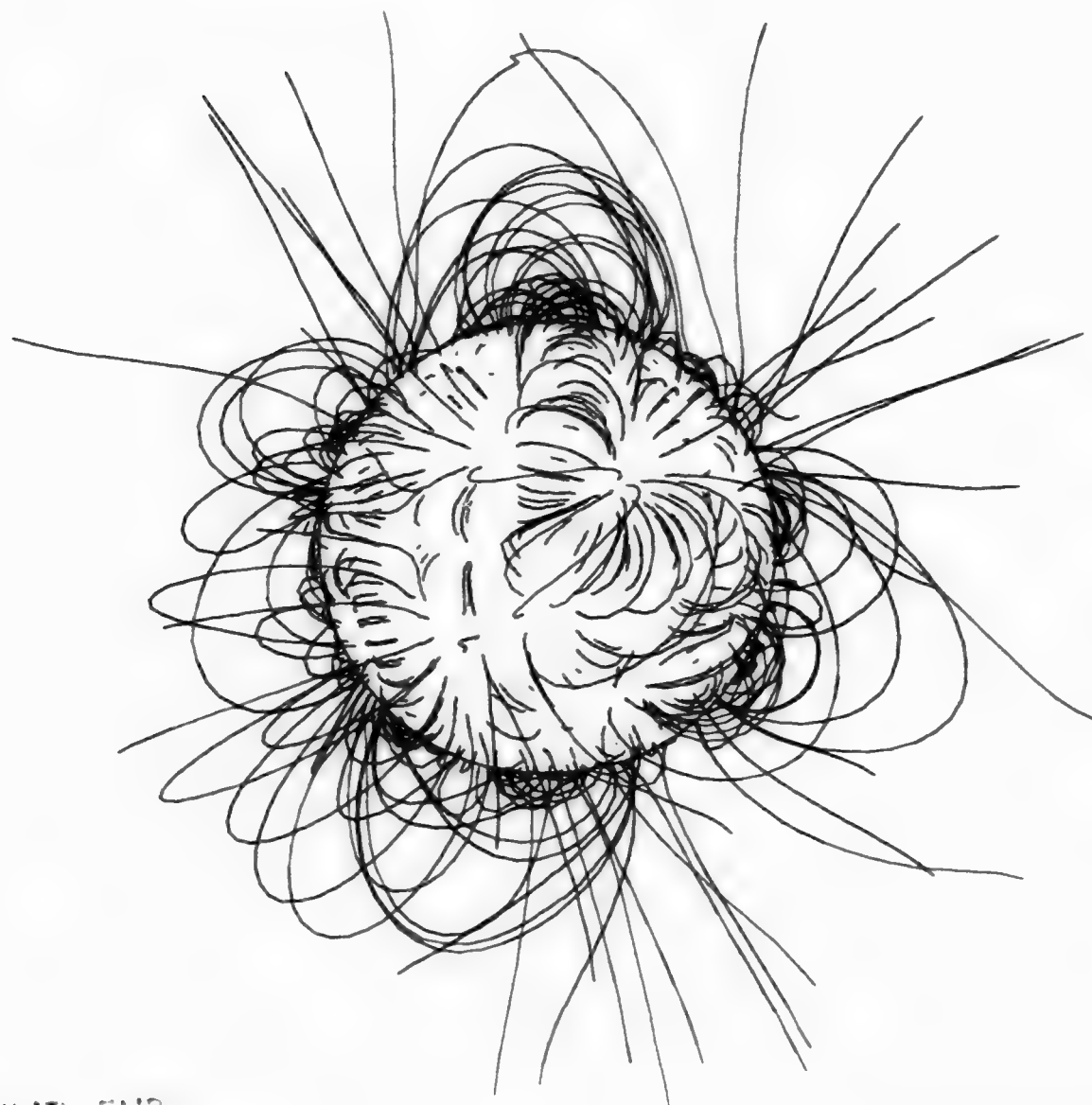
1010.240

27.2 MAR

1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

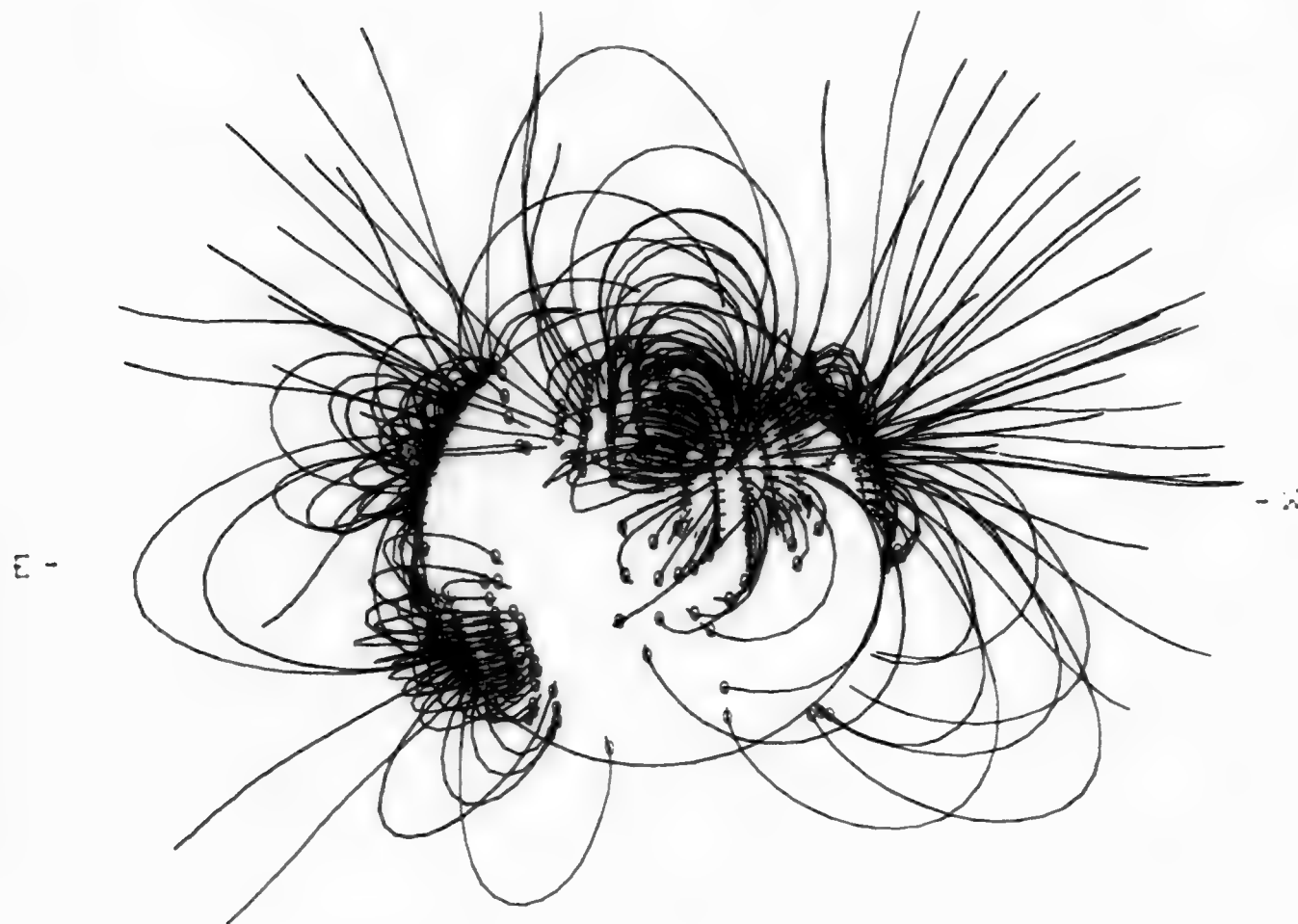


QUALITY FAIR
POLES DIRECT
DATA WINDOW 1518.47

S

ROT. 1518 1010.250
28.1 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

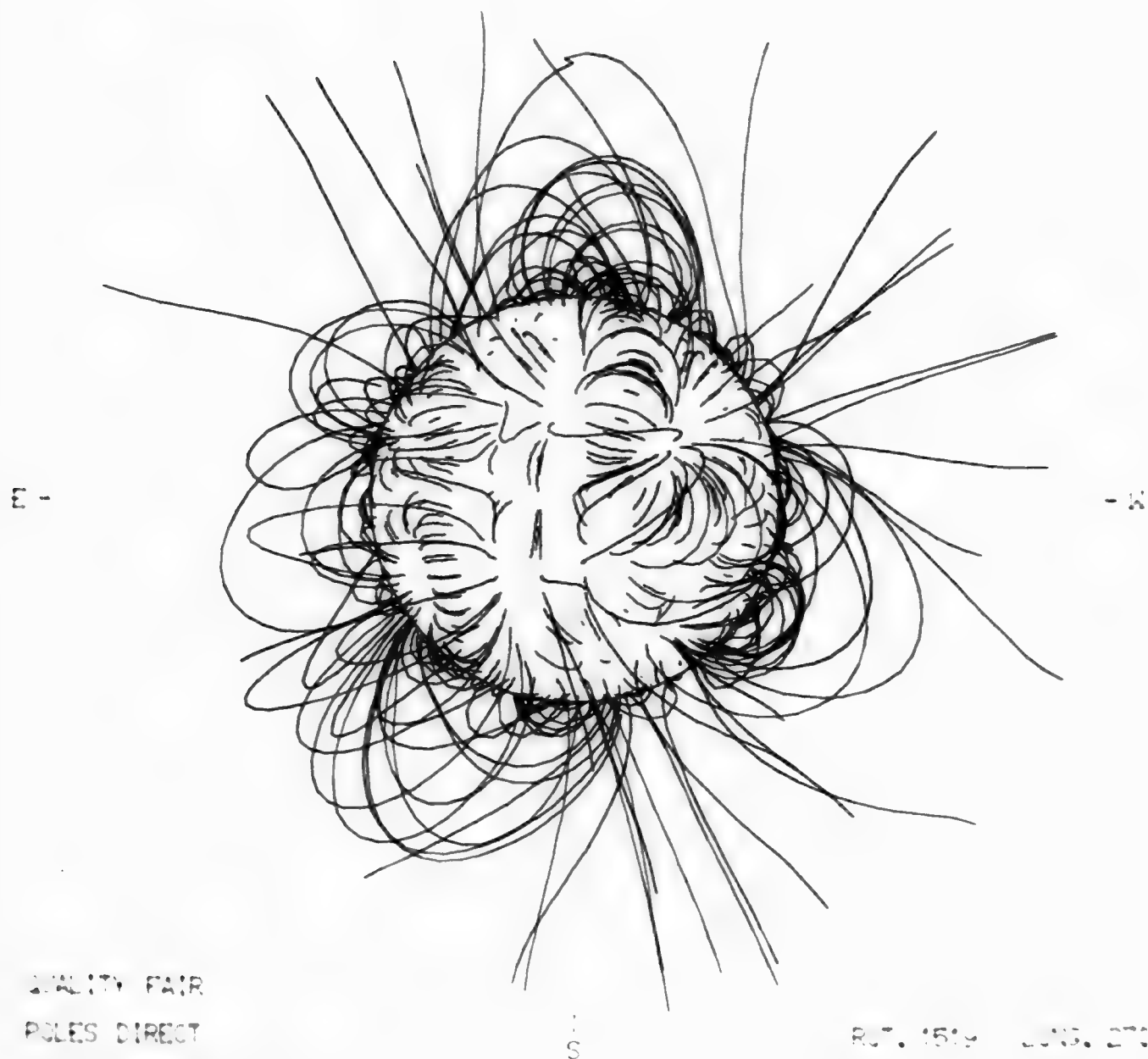


QUALITY FAIR
FILES DIRECT
DATA WINDOW 1518.47

S

RJT. 1519 0000.281°
28.0 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

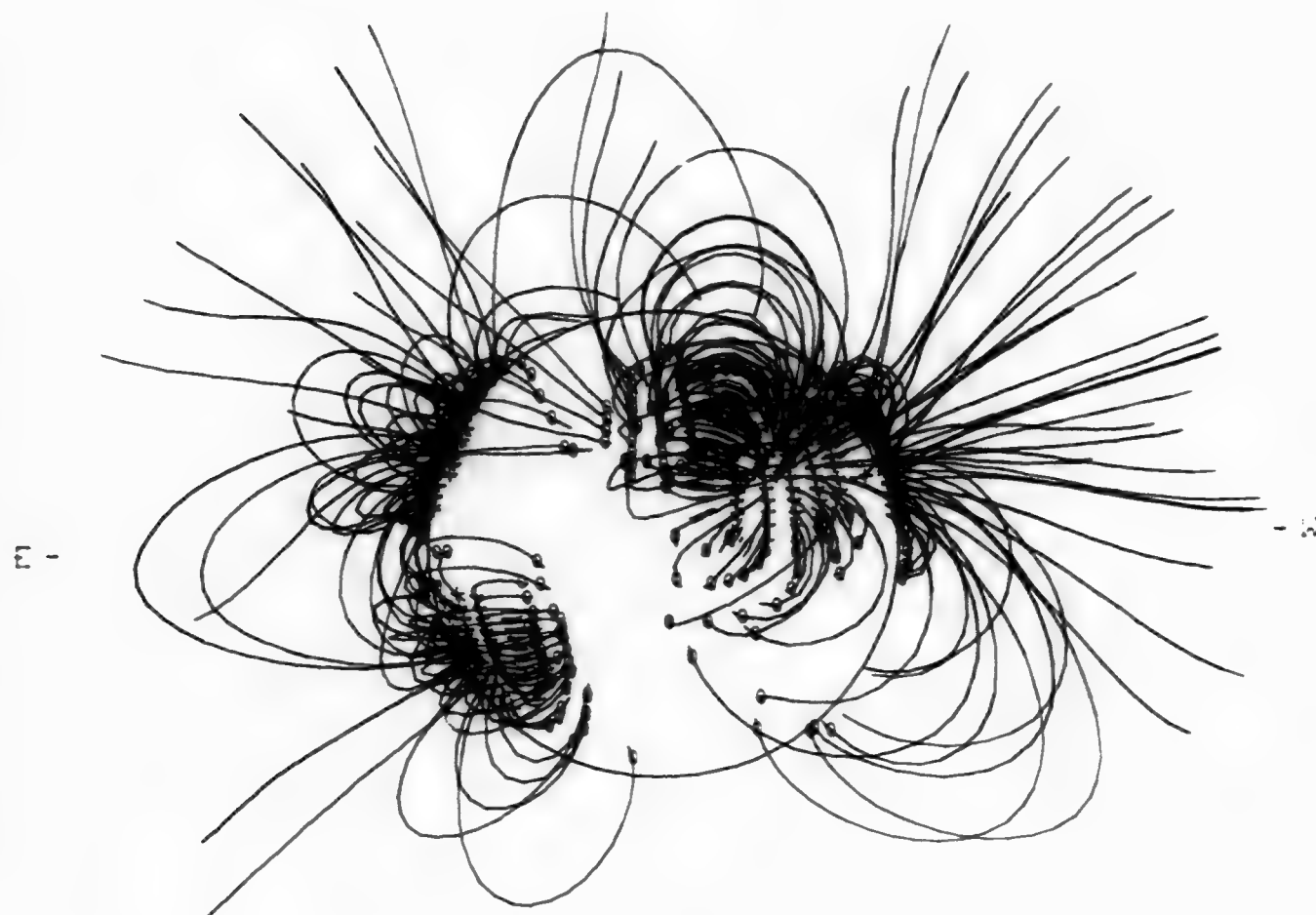
POLES DIRECT

DATA WINDOW 1518.47

ROT. 1518 LONG. 271°

28.7 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

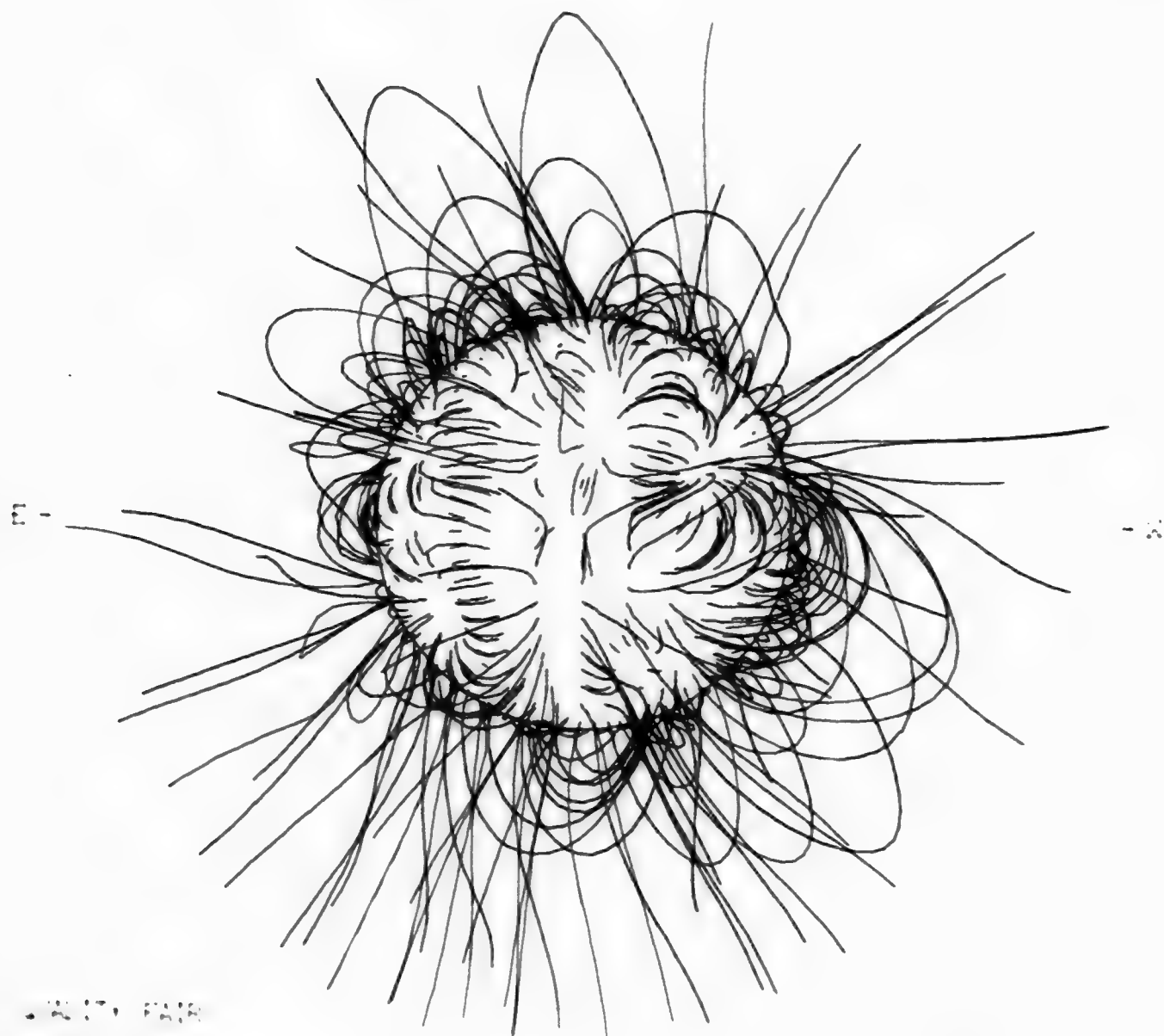
DATA WINDOW 1518.47

S

ROT. 1519 1110.000

28.7 1110.000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY PAIR

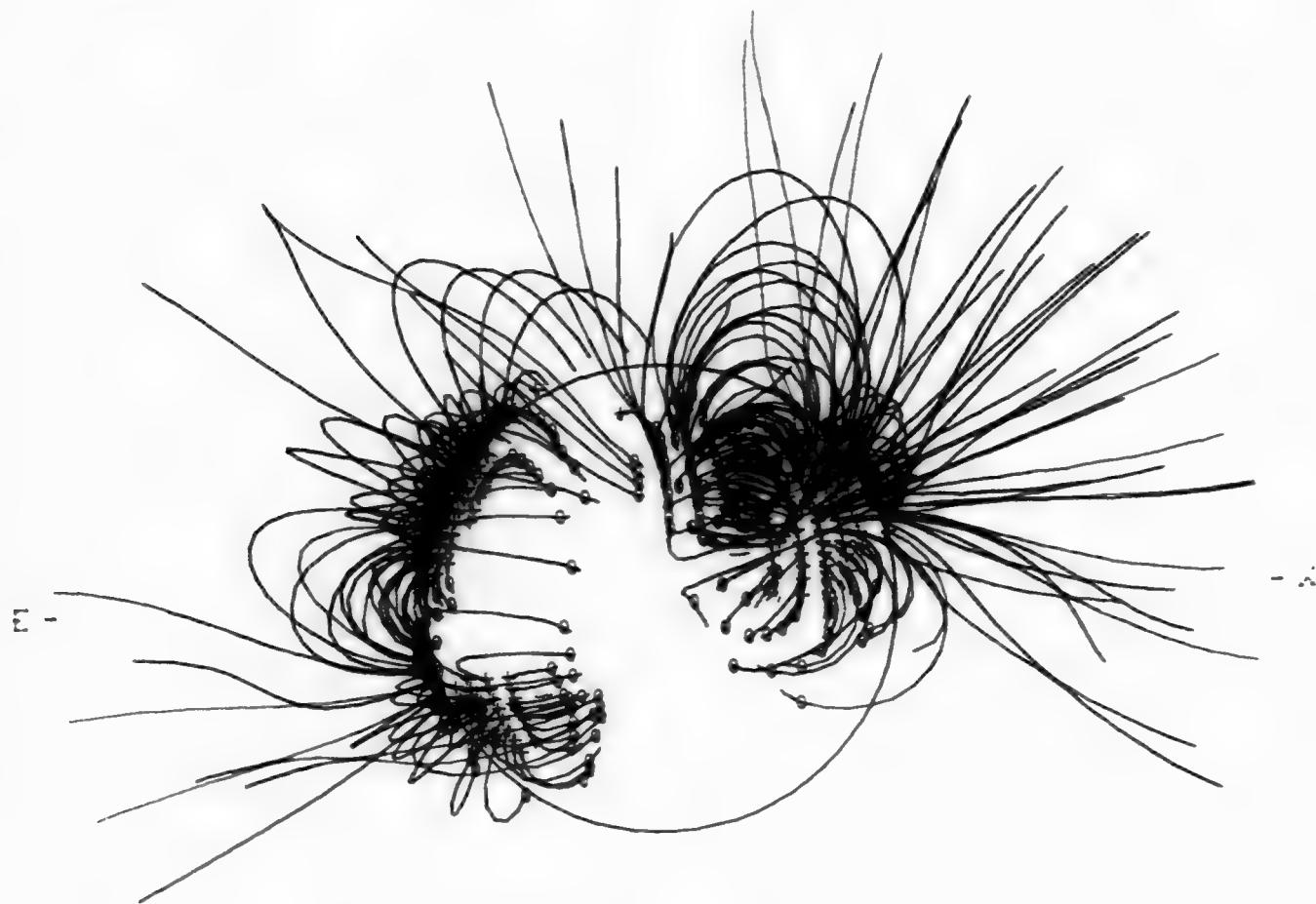
POLES DIRECT

DATA WIDE IN 180.00

5.7. 1967 11.10. 1967

29.5 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POWER DIRECT

DATA WINDOW 1519.00

S

RT. 1519 1519.00

25.5 1519 1.67

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

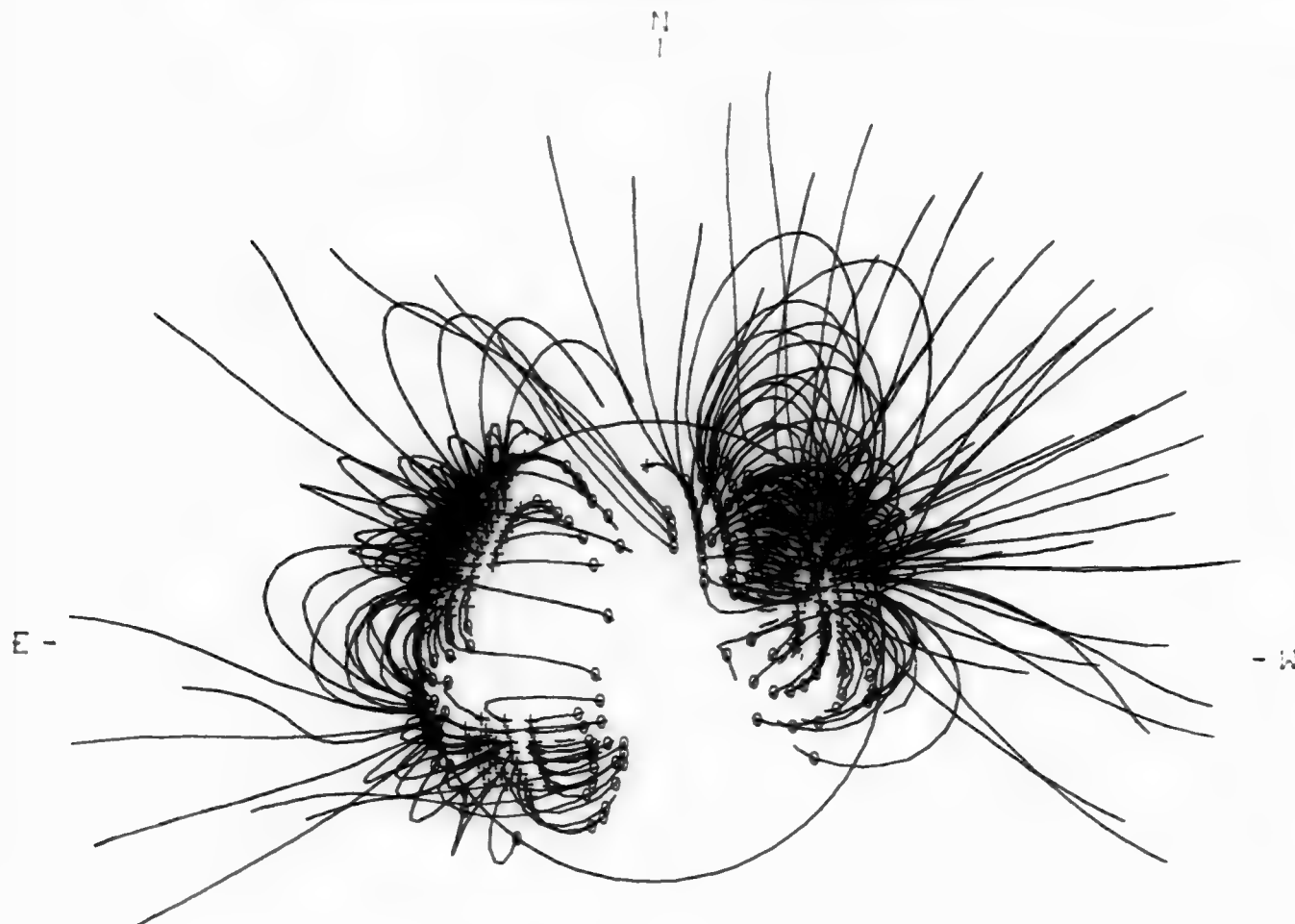
POLES DIRECT

DATA WINDOW 1519.00

ROT. 1519 210.250°

30.2 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

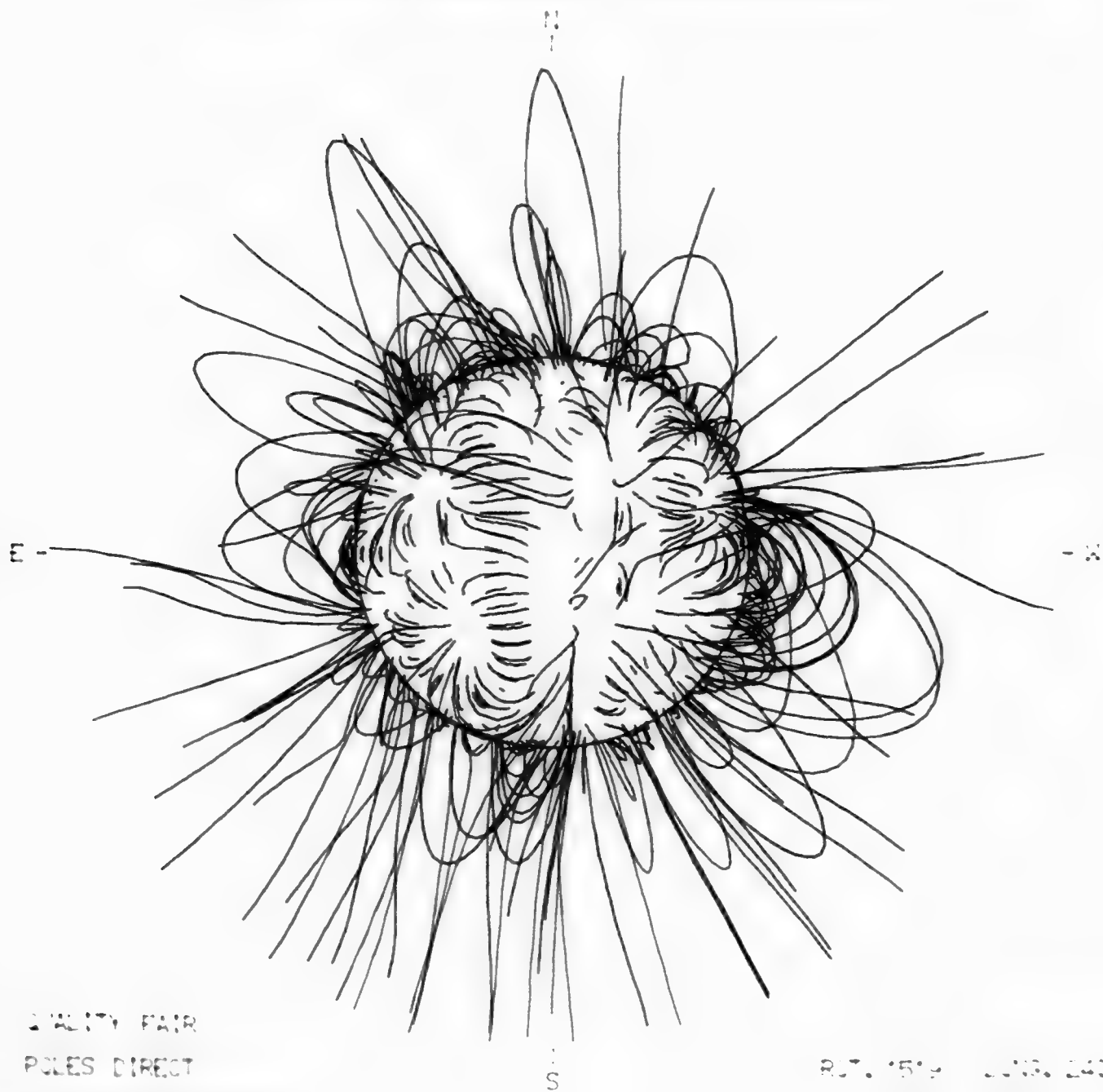
DATA WINDOW 1519.00

S

ROT. 1519 LONG. 250°

30.2 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

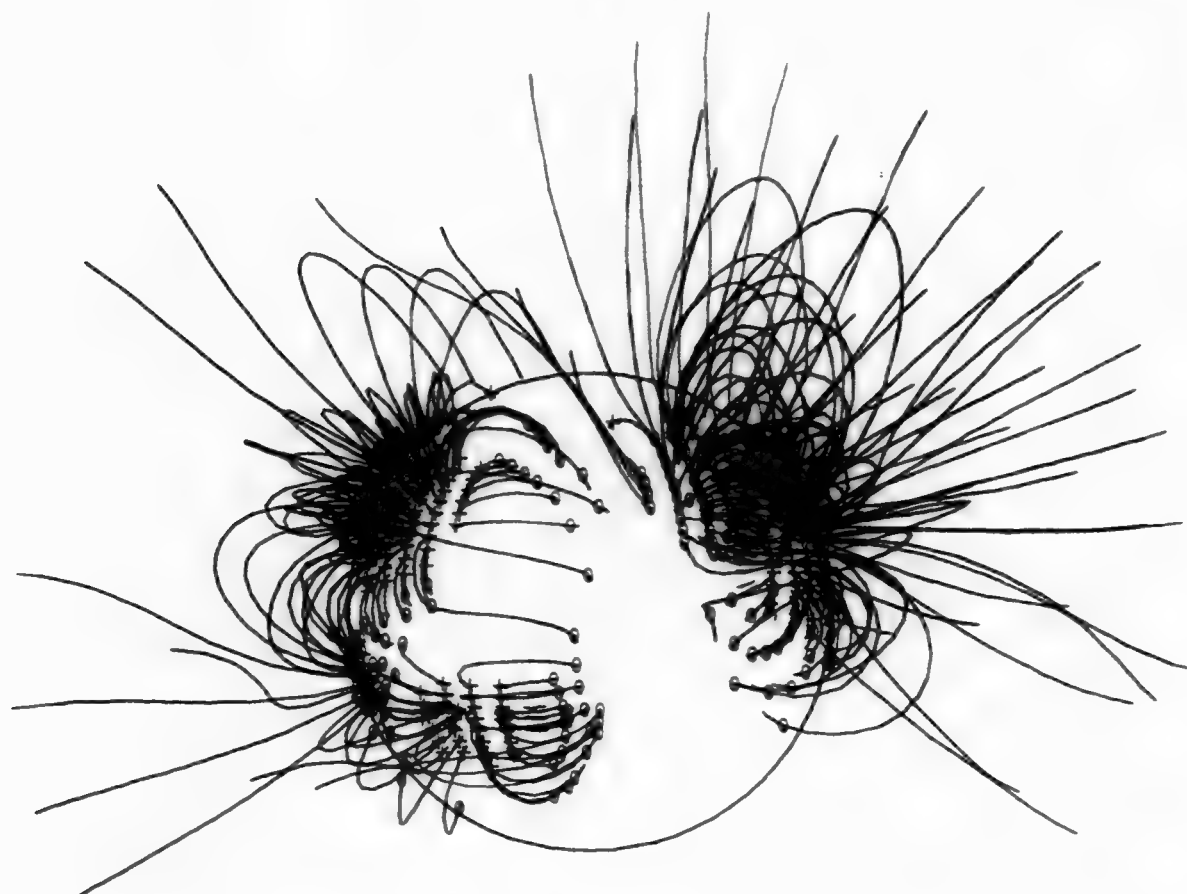
POLES DIRECT

DATA ACQUISITION 15/10/00

8.7. 15.1 10.10. 24.1°

3.1. 14.1 1.10. 1.10.1°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

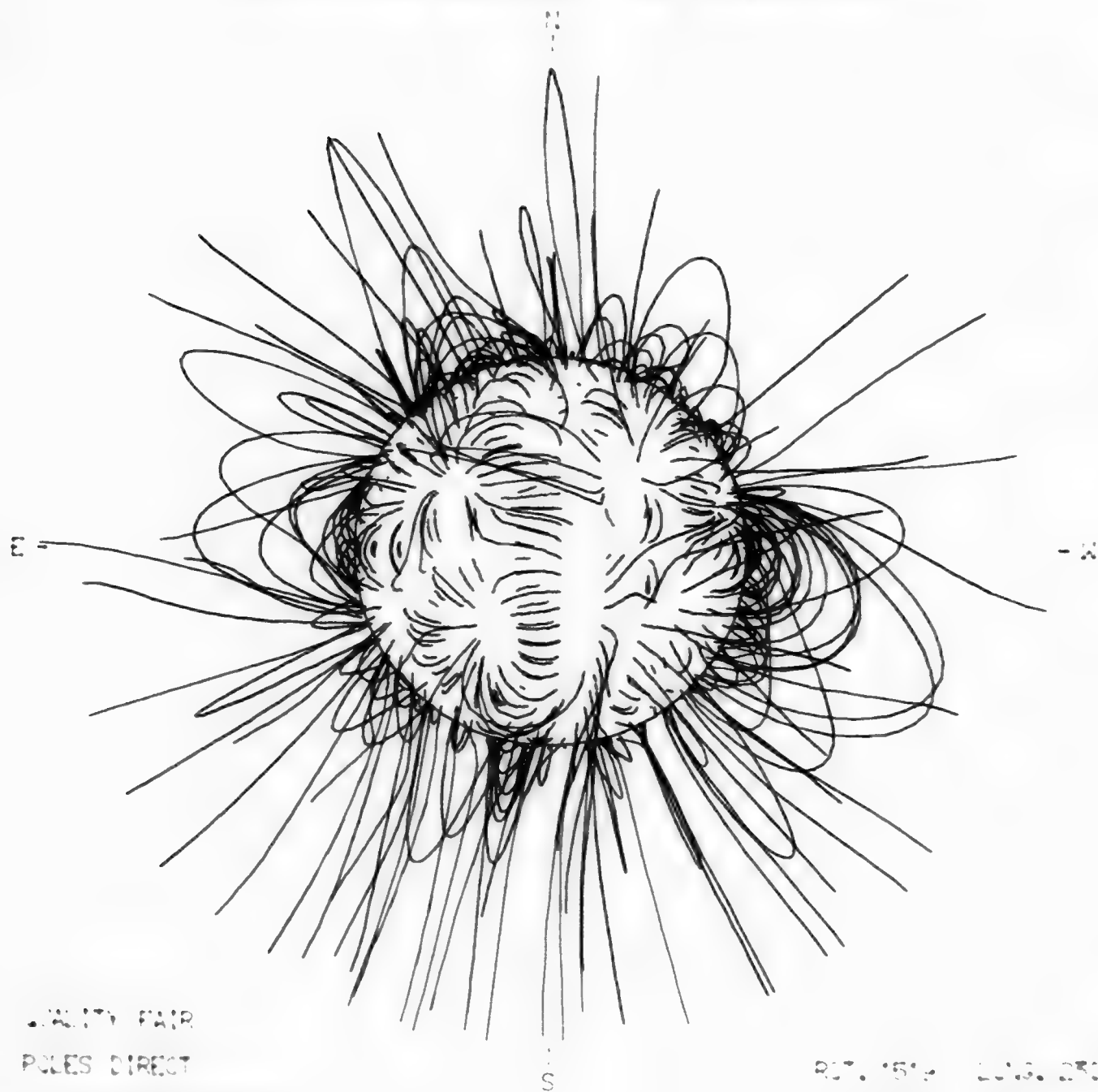
DATA WINDOW 1519.00

S

RUT. 1519 LONG. 240°

31.0 MAR 1987

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1519.00

REF. 1514 2013.031°

51.8 MAG 1987

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

POLES DIRECT

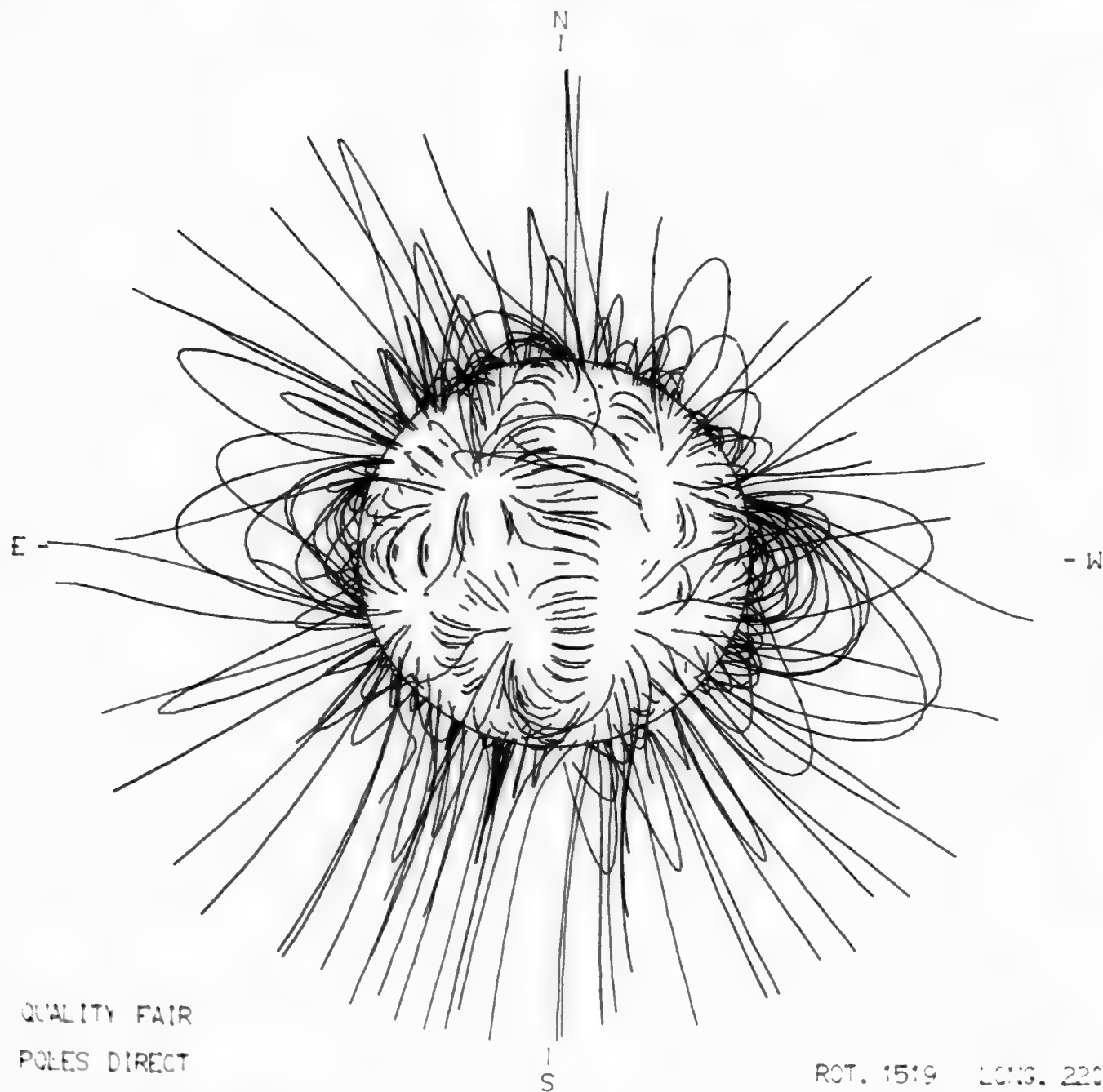
DATA WIND IN 1519.00

S

ROT. 1519 LONG. 251°

31.8 MAR 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

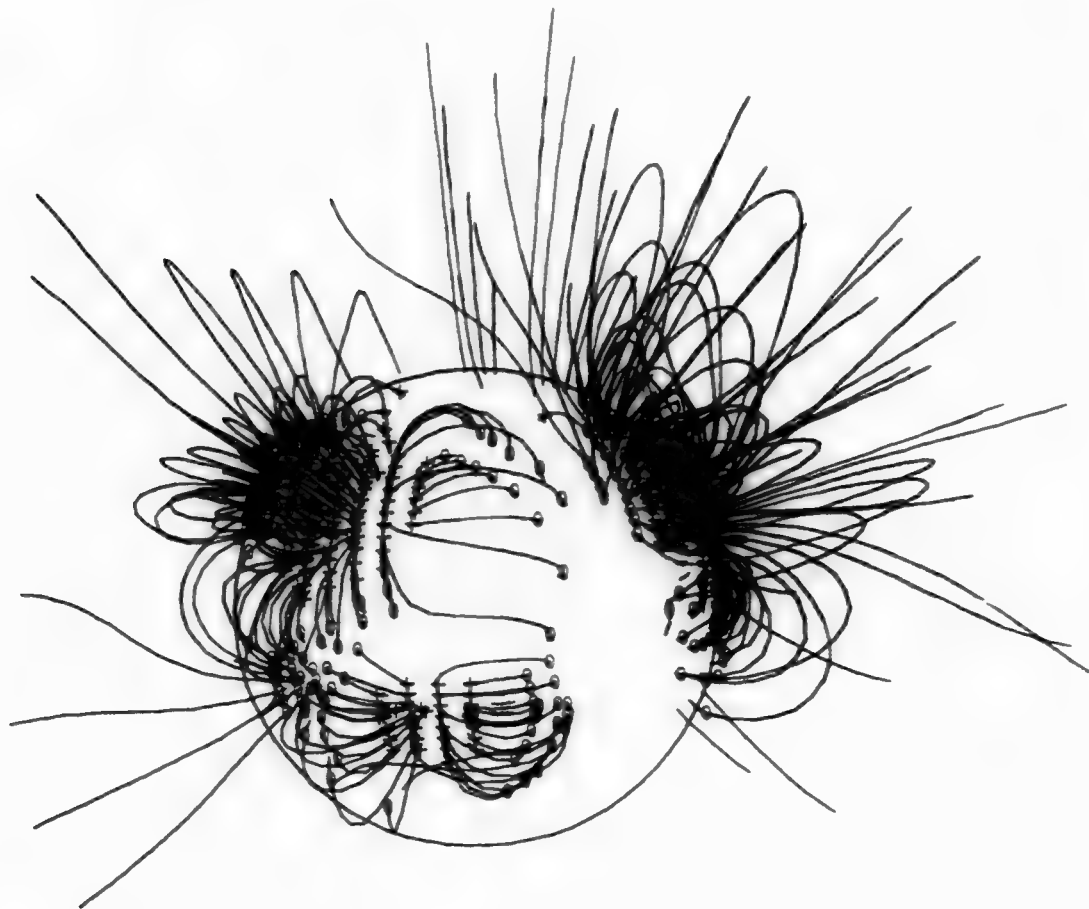
POLES DIRECT

DATA WINDOW 1519.00

ROT. 1519 LONG. 220°

1.5 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



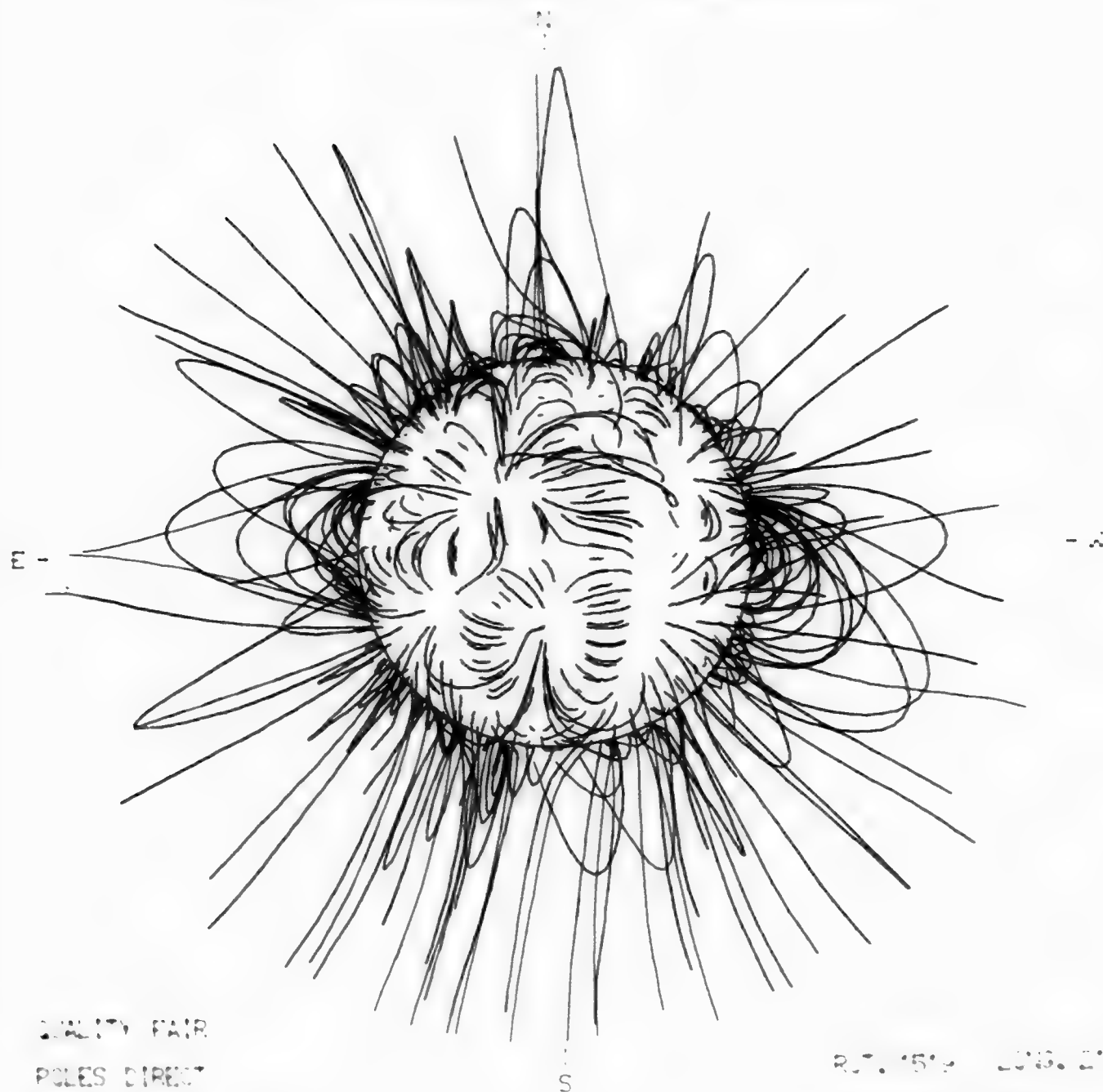
APPENDIX

POLES DIRECT

DATA WINDOW 1519. 0

55-150-100
55-150-100

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

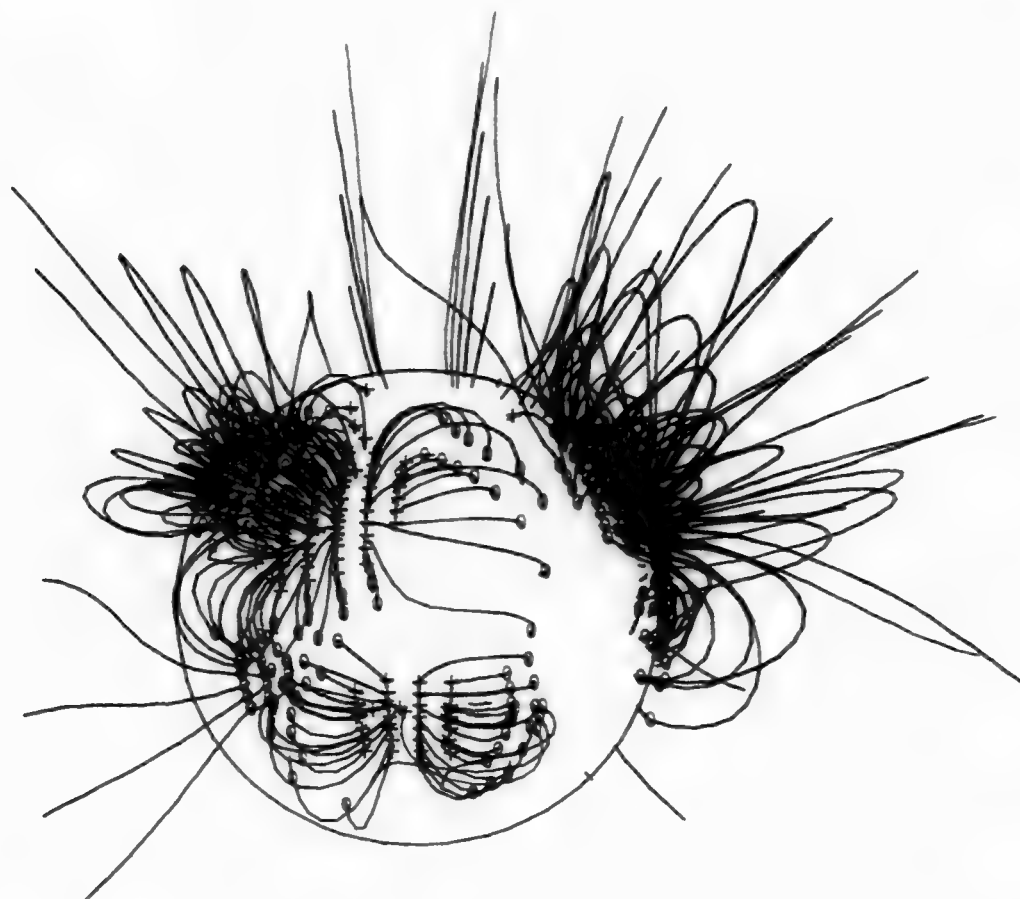
DATA WINDOW 1519.00

RJ. 15% 200.00

2.5 45 100

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



- W

QUALITY FAIR

POLES DIRECT

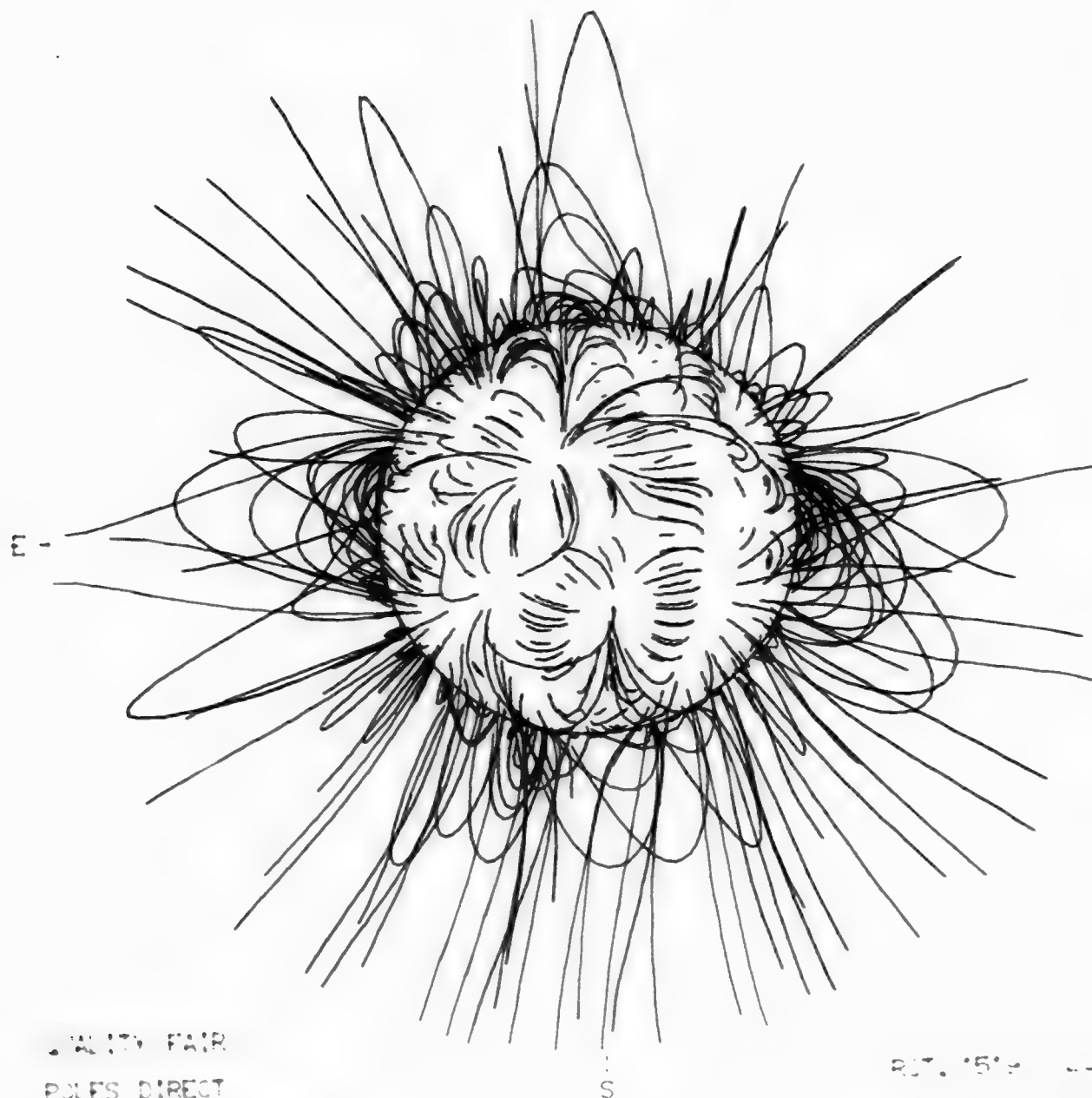
DATA WINDOW 1519.00

S

R.T. 1519 LONG. 210°

2.3 APR 1967

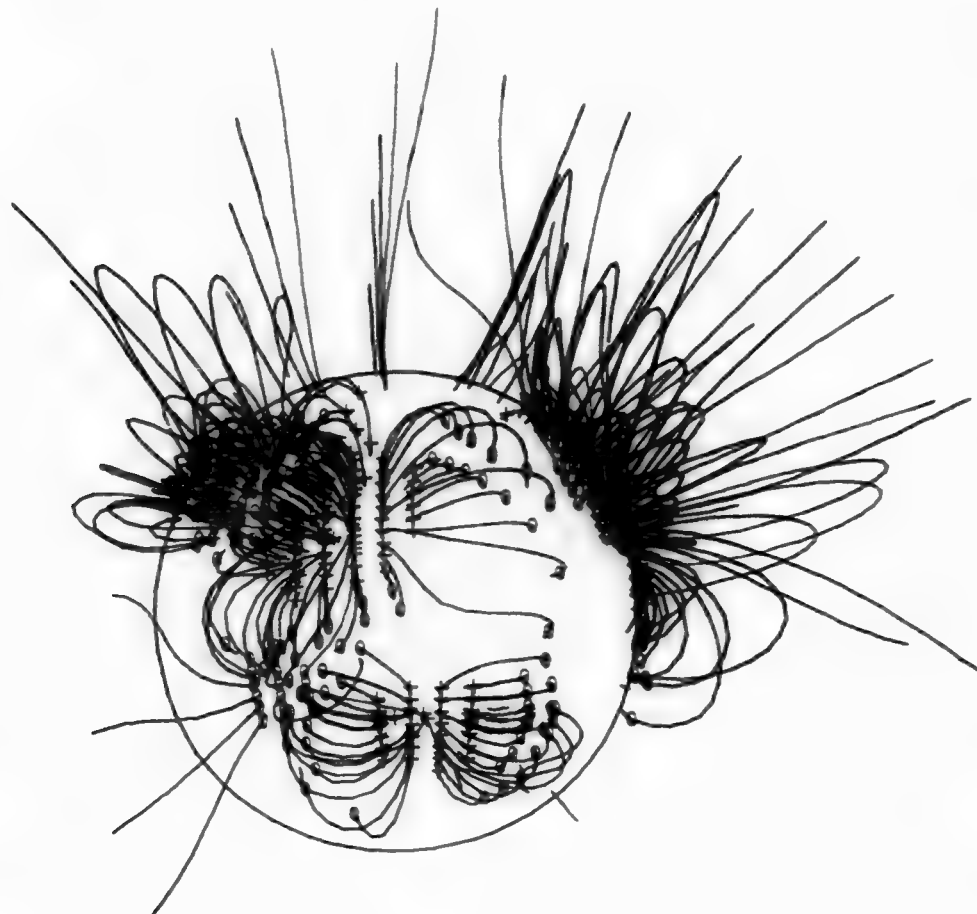
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1519.00

RET. 1519 1019.200°
3.0 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

QUALITY FAIR

PLACES DIRECT

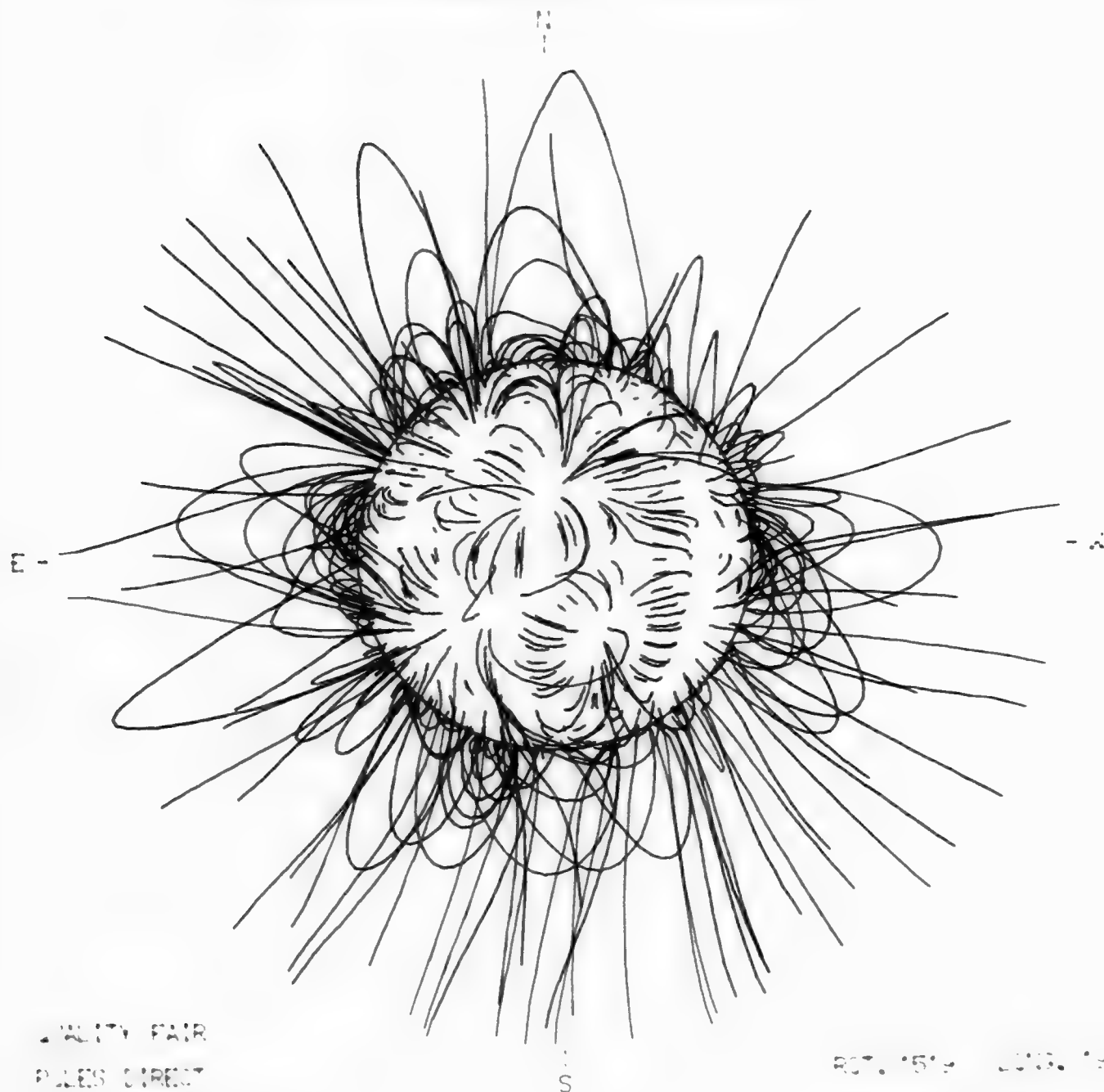
DATA WINDOW 1519.00

S

ROT. 1519 1019.000

3.0 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

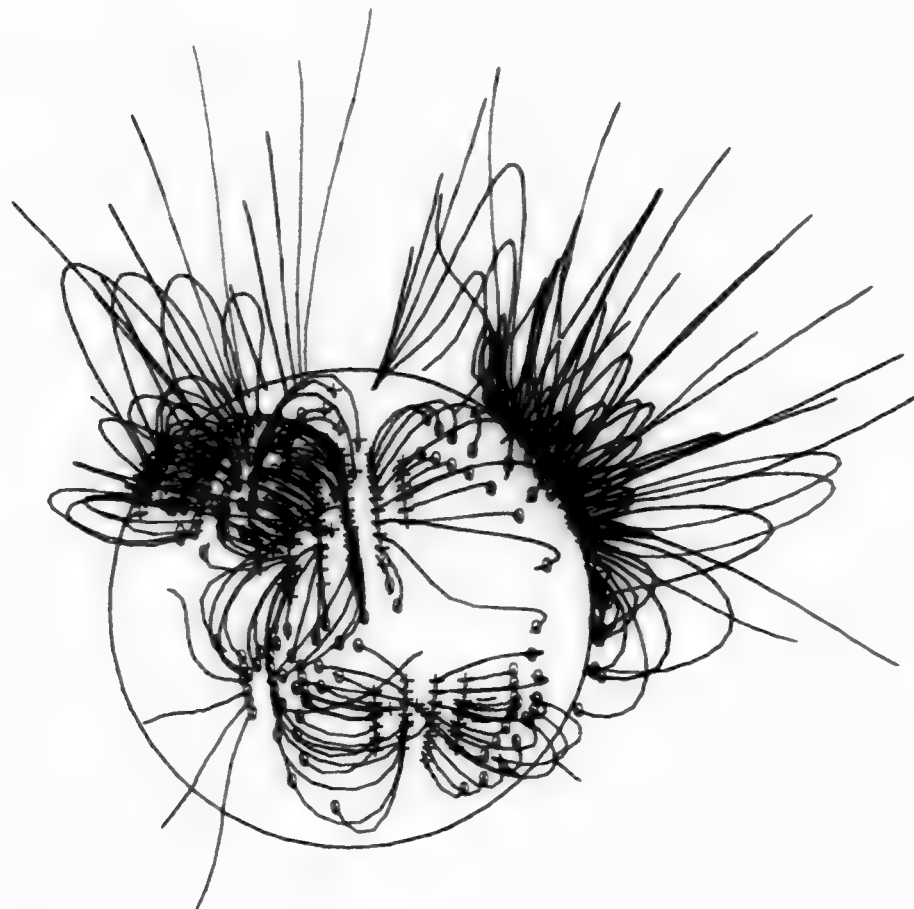
FILES DIRECT

DATA WINDOW 1519.00

ROT. 15° 2010.10°

3.8 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



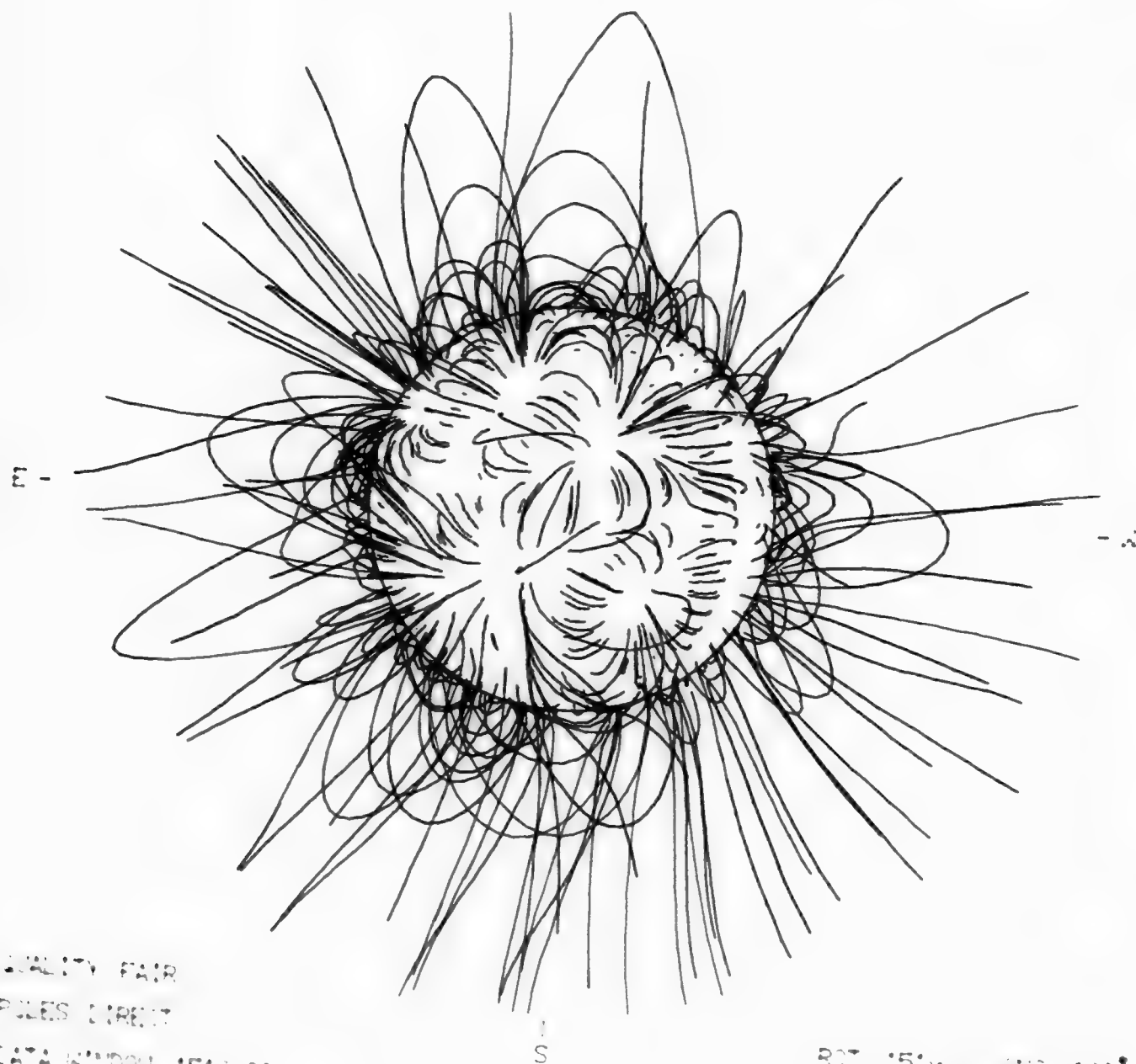
E -

QUALITY FAIR
FILES DIRECT
DATA SOURCE 1519.00

S

R.T. 1519 L.T.G. 1519
3.8 APR 1967

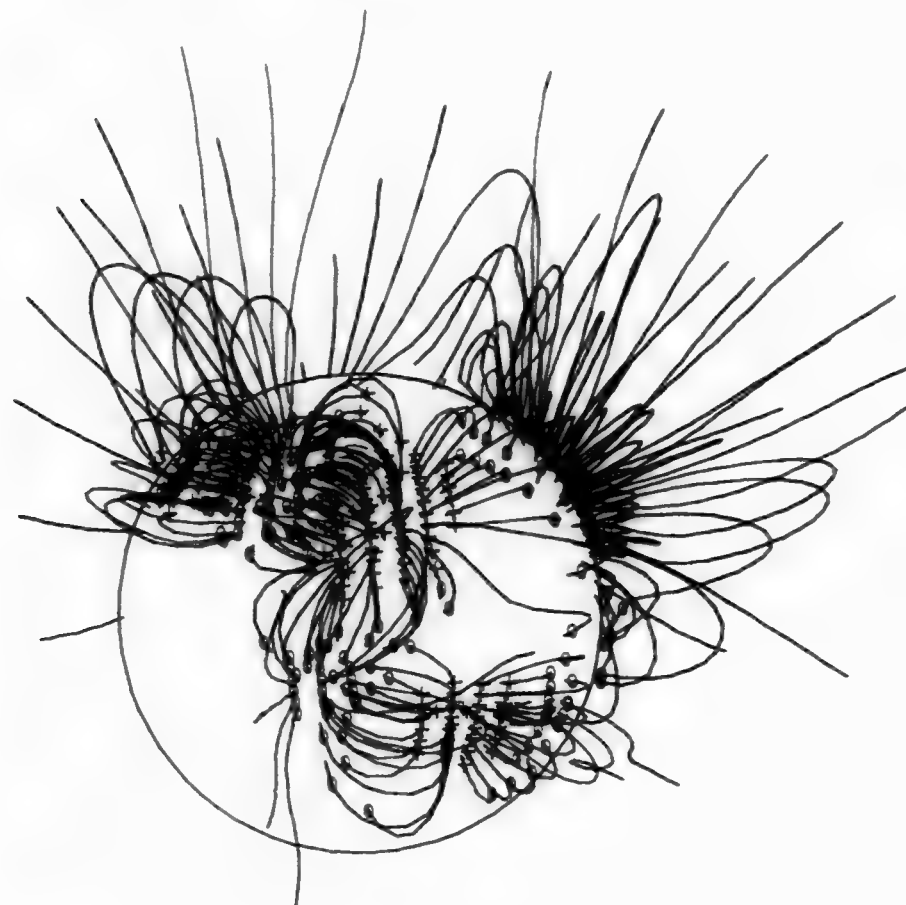
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 RULES DIRECT
 DATA WINDOW 1519.00

ROT. 15.14 LONG. 15.14
 4.5 200 1987

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

- 2

QUALITY FAIR

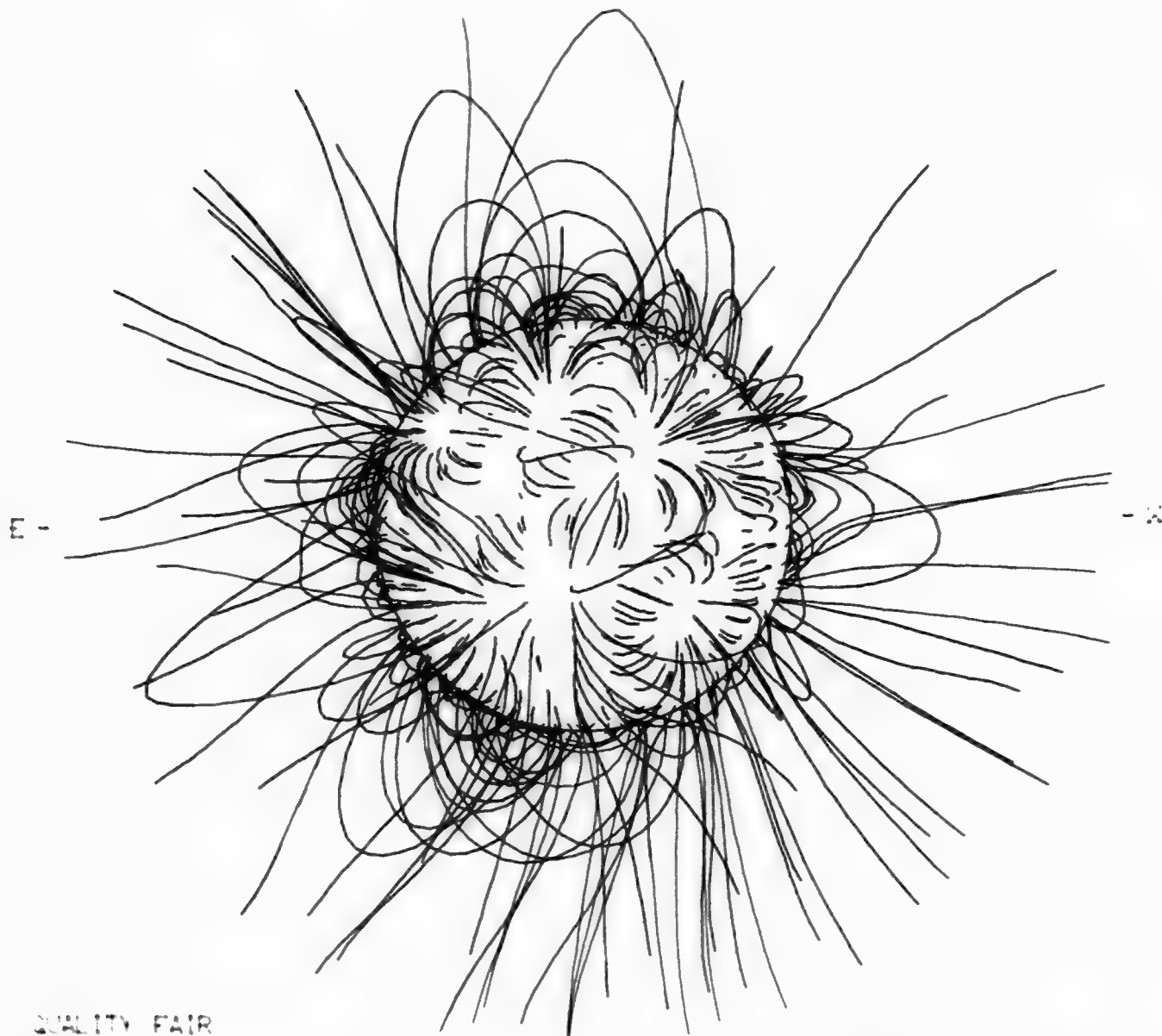
FILES DIRECT

DATA WINDOW 1519.00

1
0

RET. 1519 1519.00
4.5 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

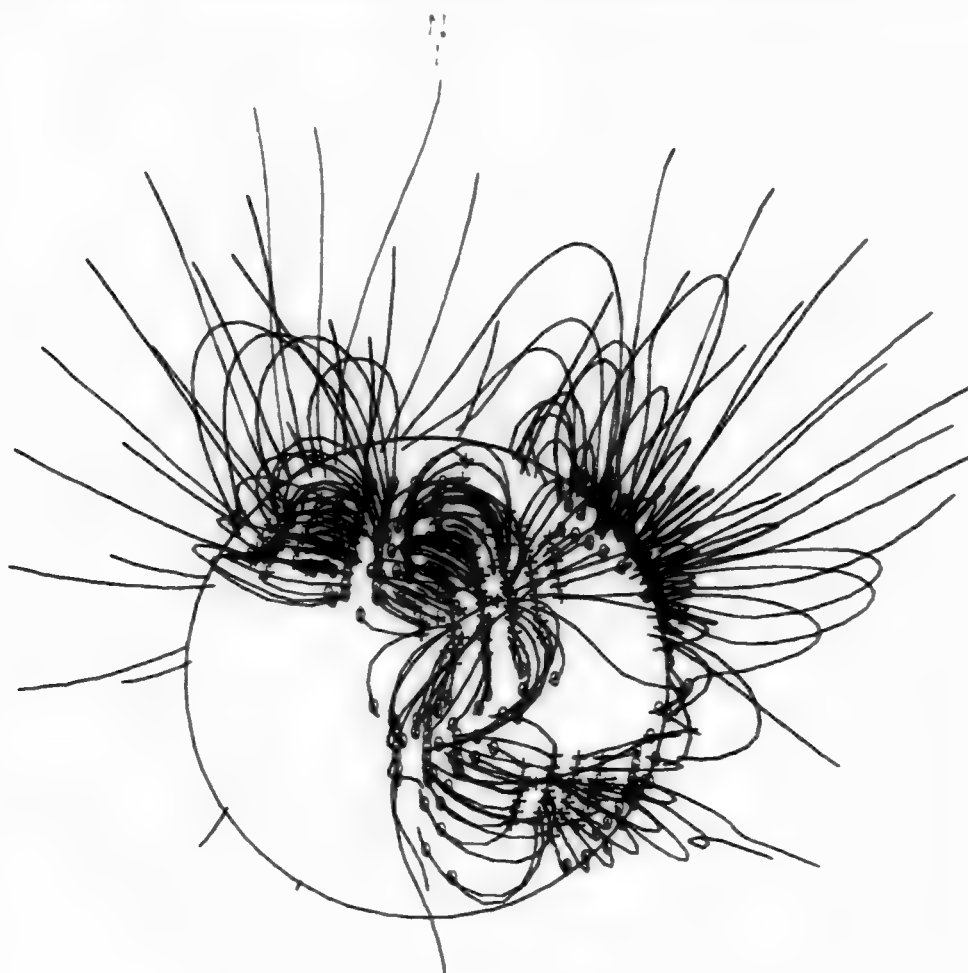
DATA WINDOW 1514.00

S

PUT. 1514 1013. 170°

5.3 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

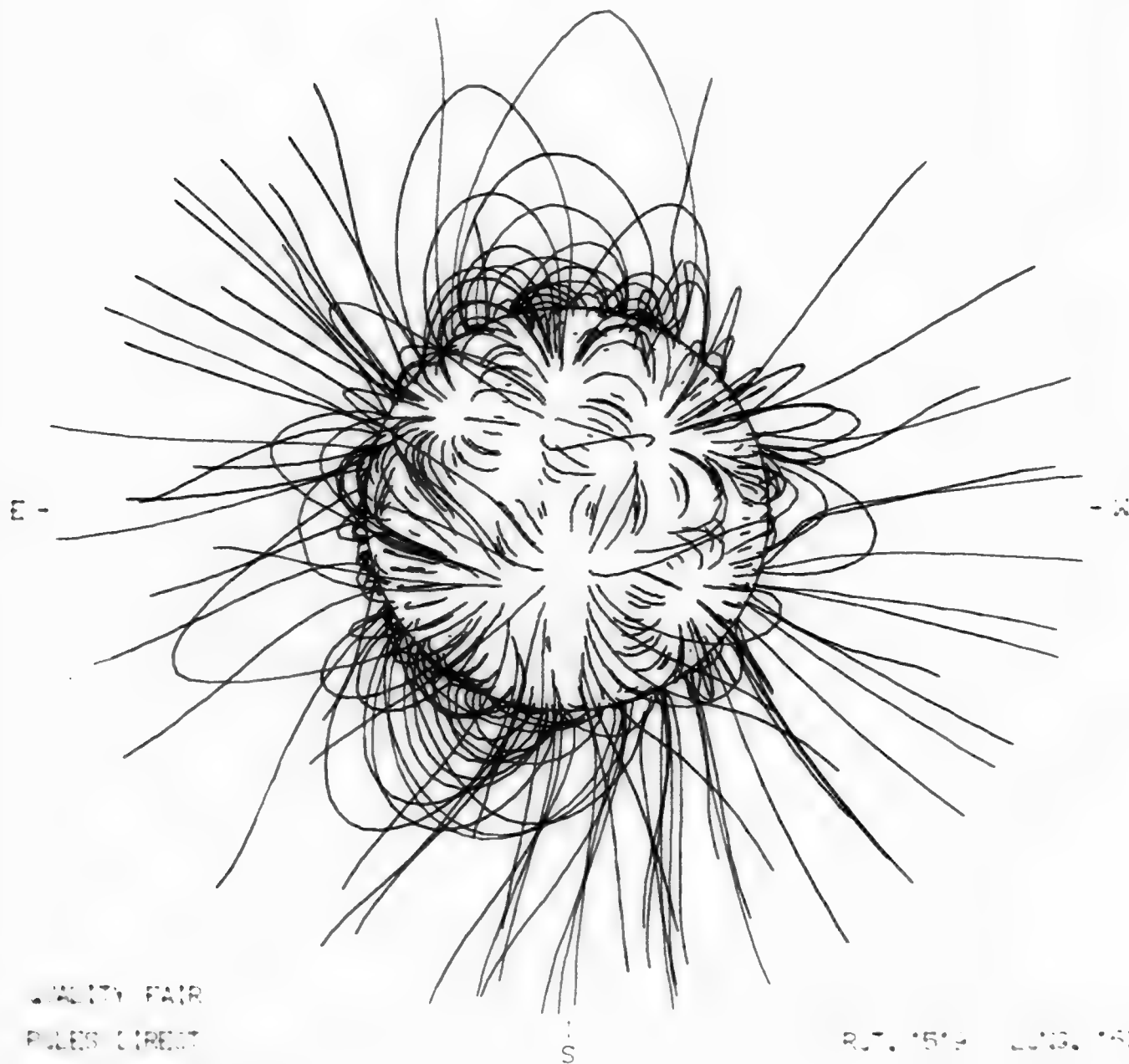
- W

QUALITY FAIR
POLES DIRECT
DATA WINDOW 1519.00

S

RUT. 1519 2019.170°
5.3 APR 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

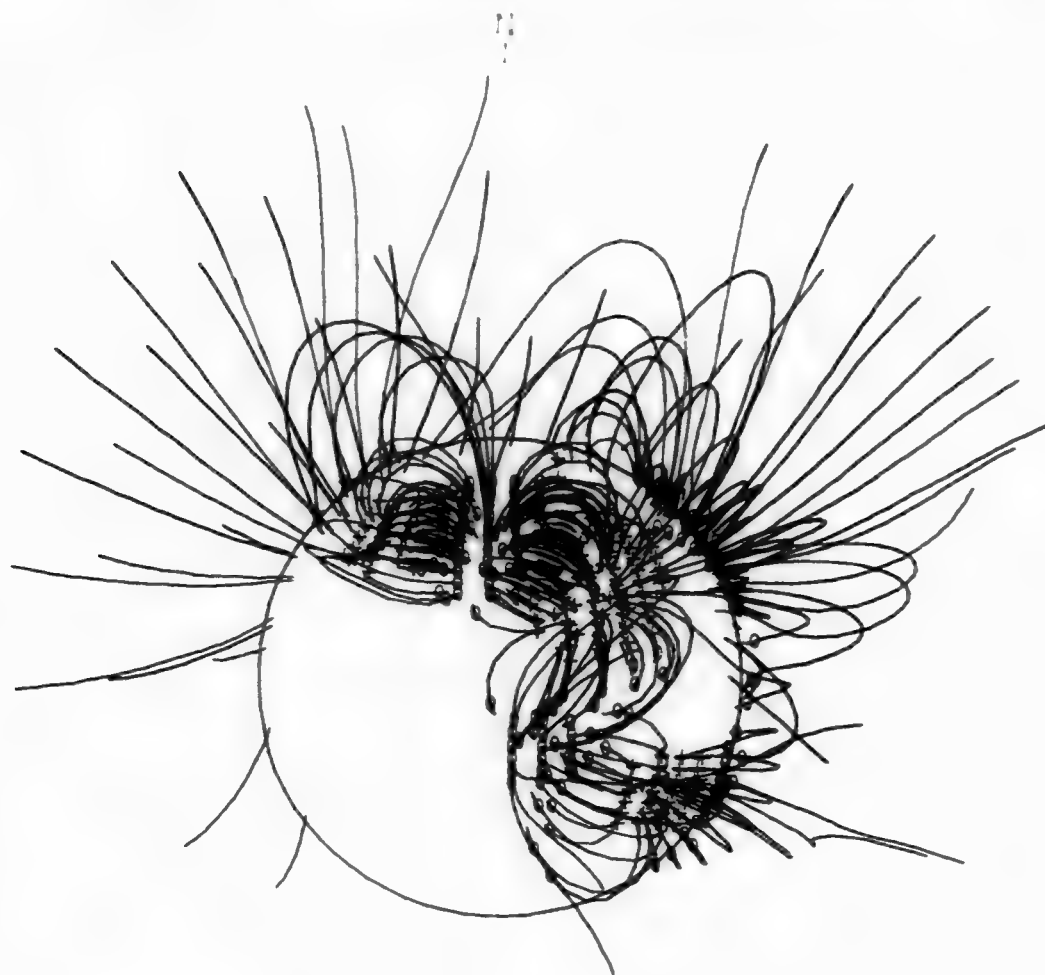
FILES DIRECT

DATA WINDOW 1519.00

R.T. 1514 L.O.B. 1514

6.1 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

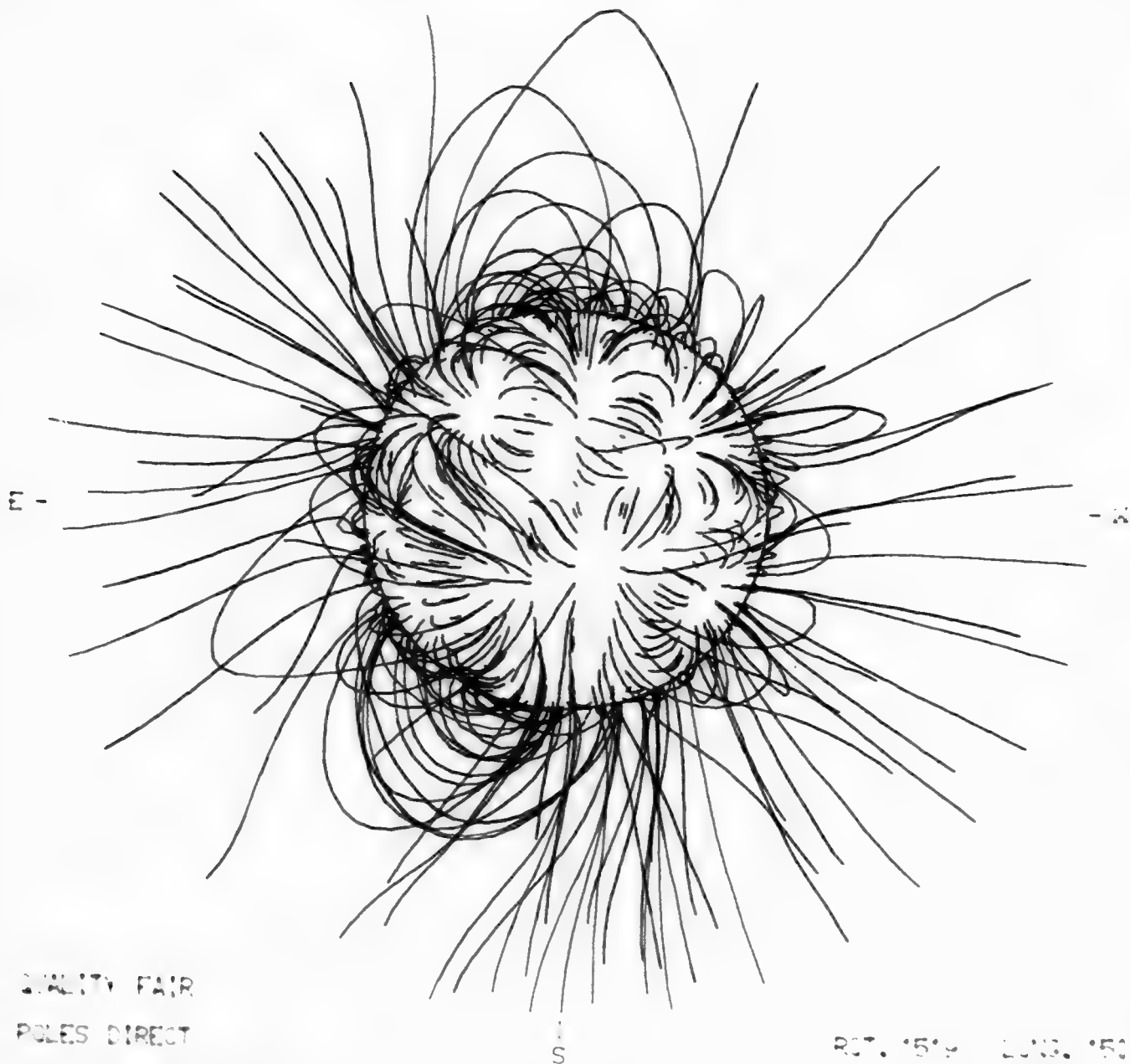
DATA WINDOW 1519.00

1
S

RCT. 1519 LONG. 160°

6.1 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1519.00

ROT. 151° LONG. 151°

6.8 APR 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

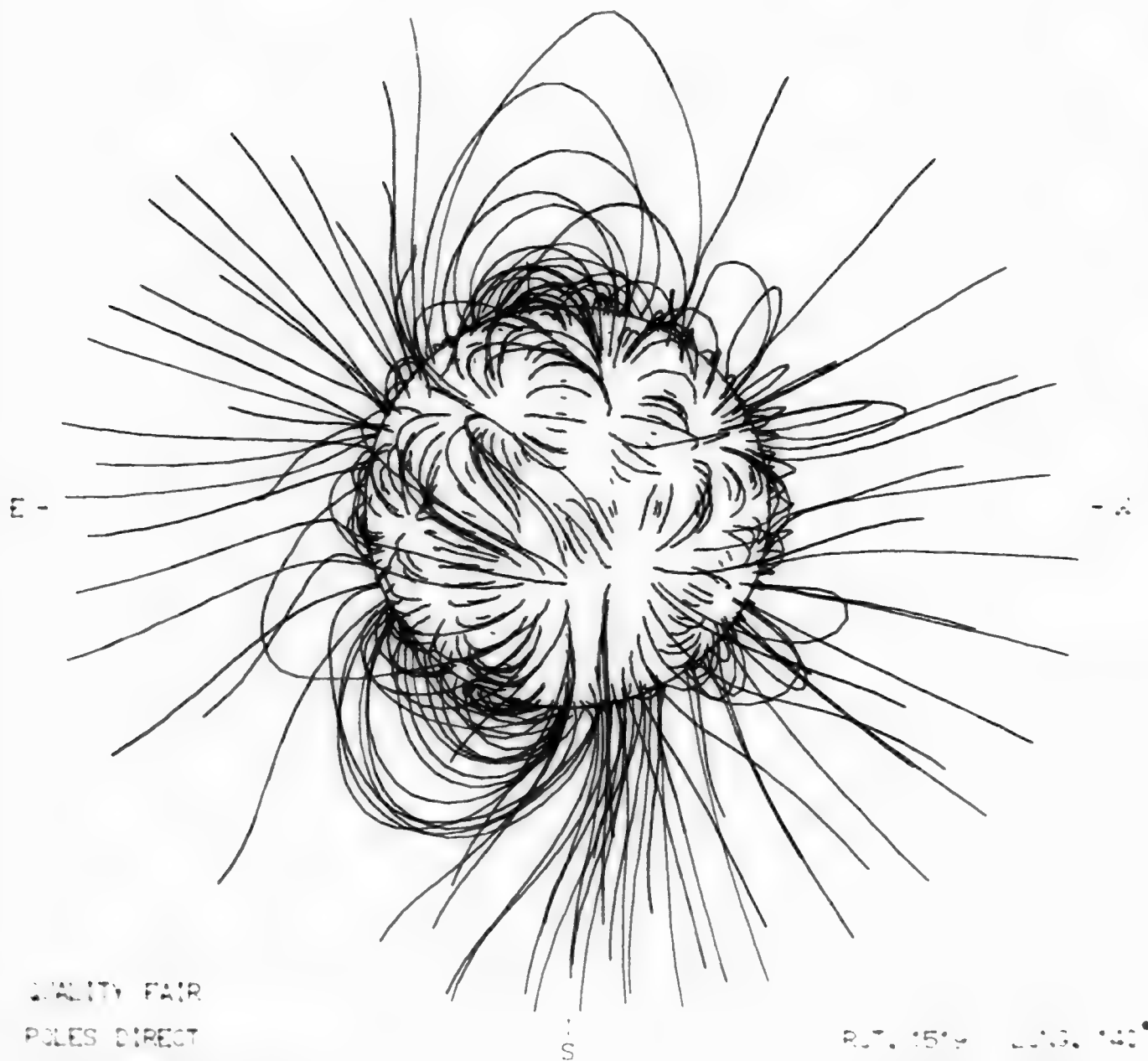
DATA WINDOW 1519.00

S

ROT. 1519 LONG. 151°

6.8 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

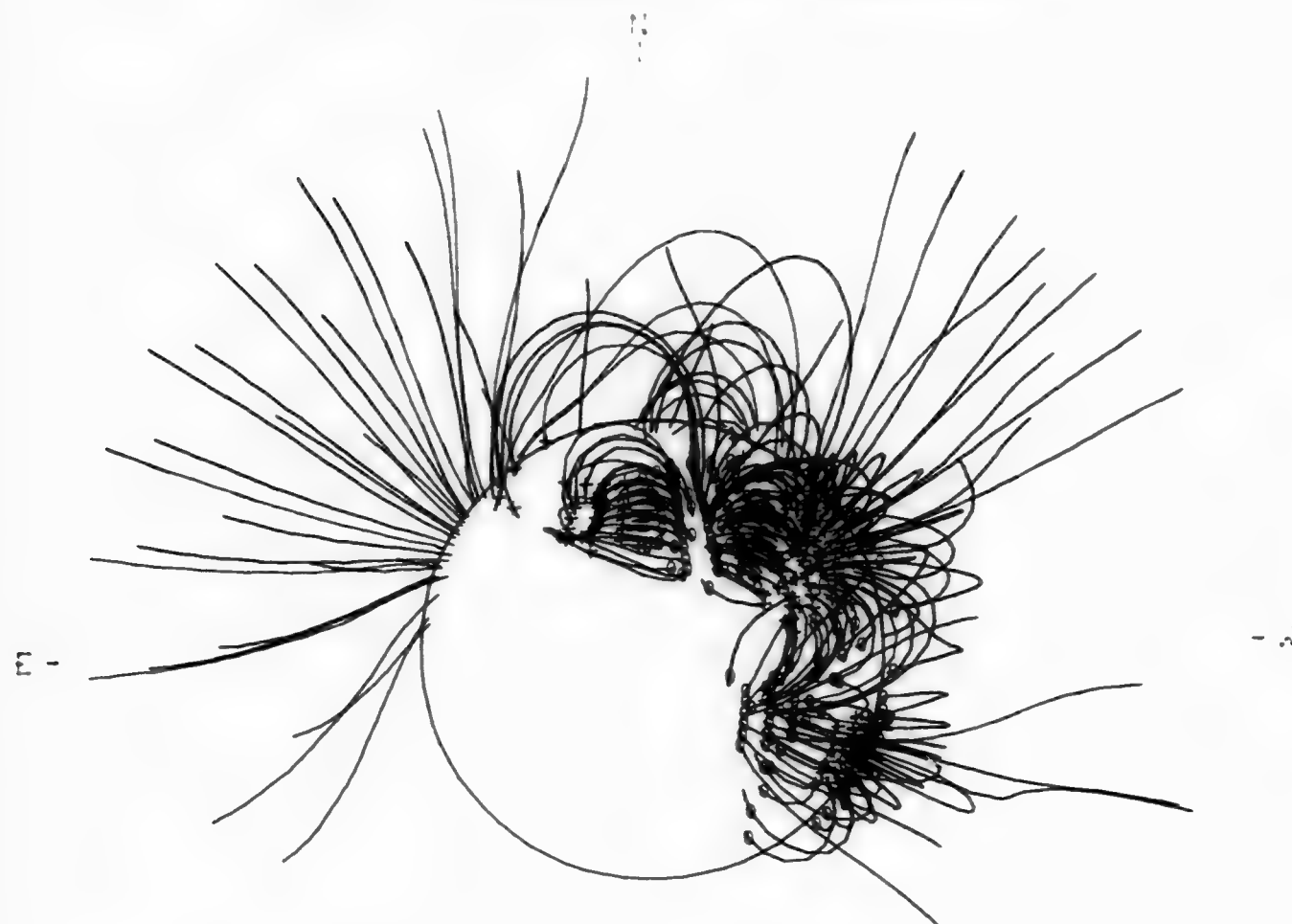
POLES DIRECT

DATA WINDOW 1519.00

R.L.T. 1519 L.L.G. 140°

7.5 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

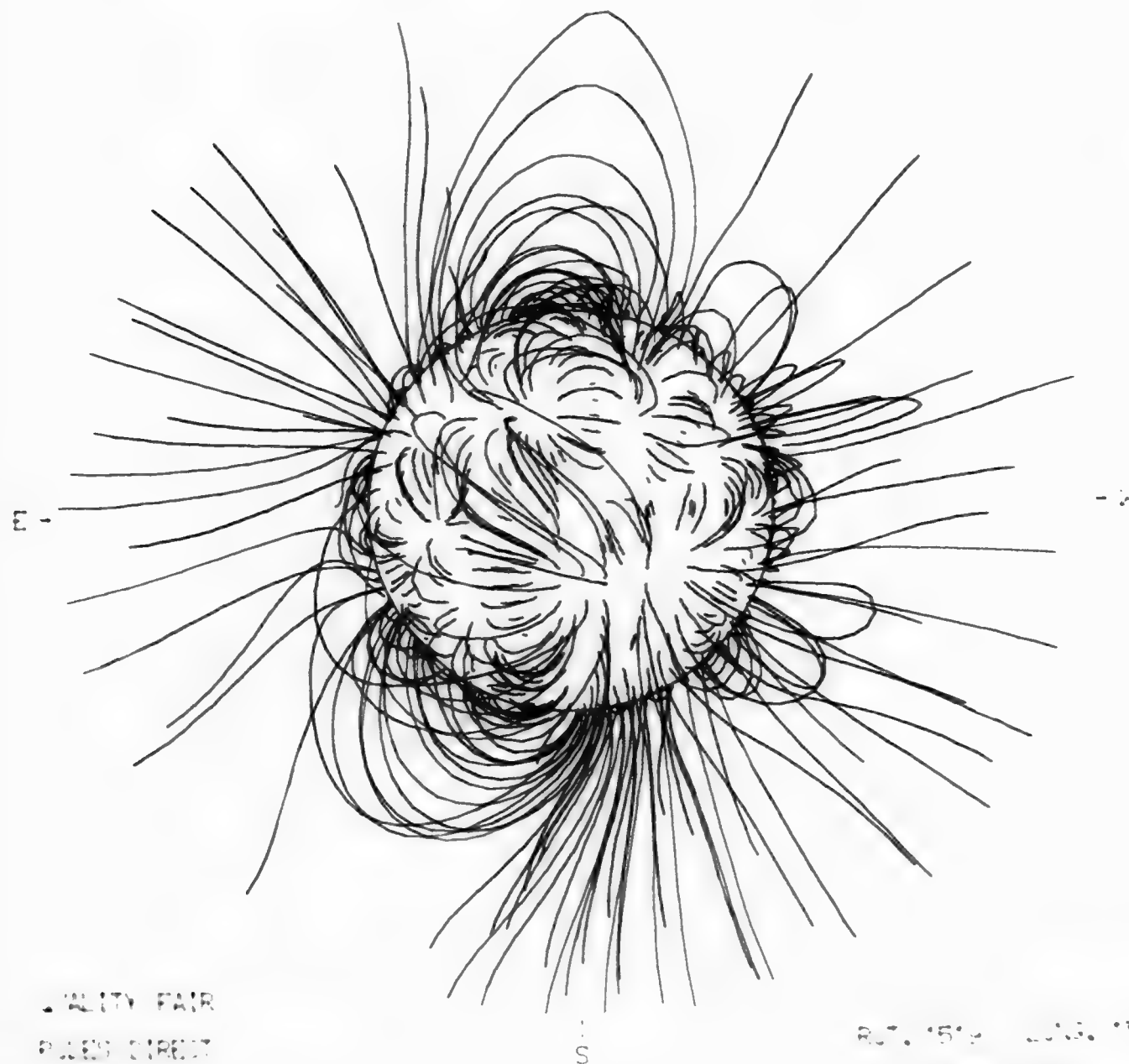
DATA WINDOW 1519.00

1
S

RET. 1519 LONG. 141°

7.5 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



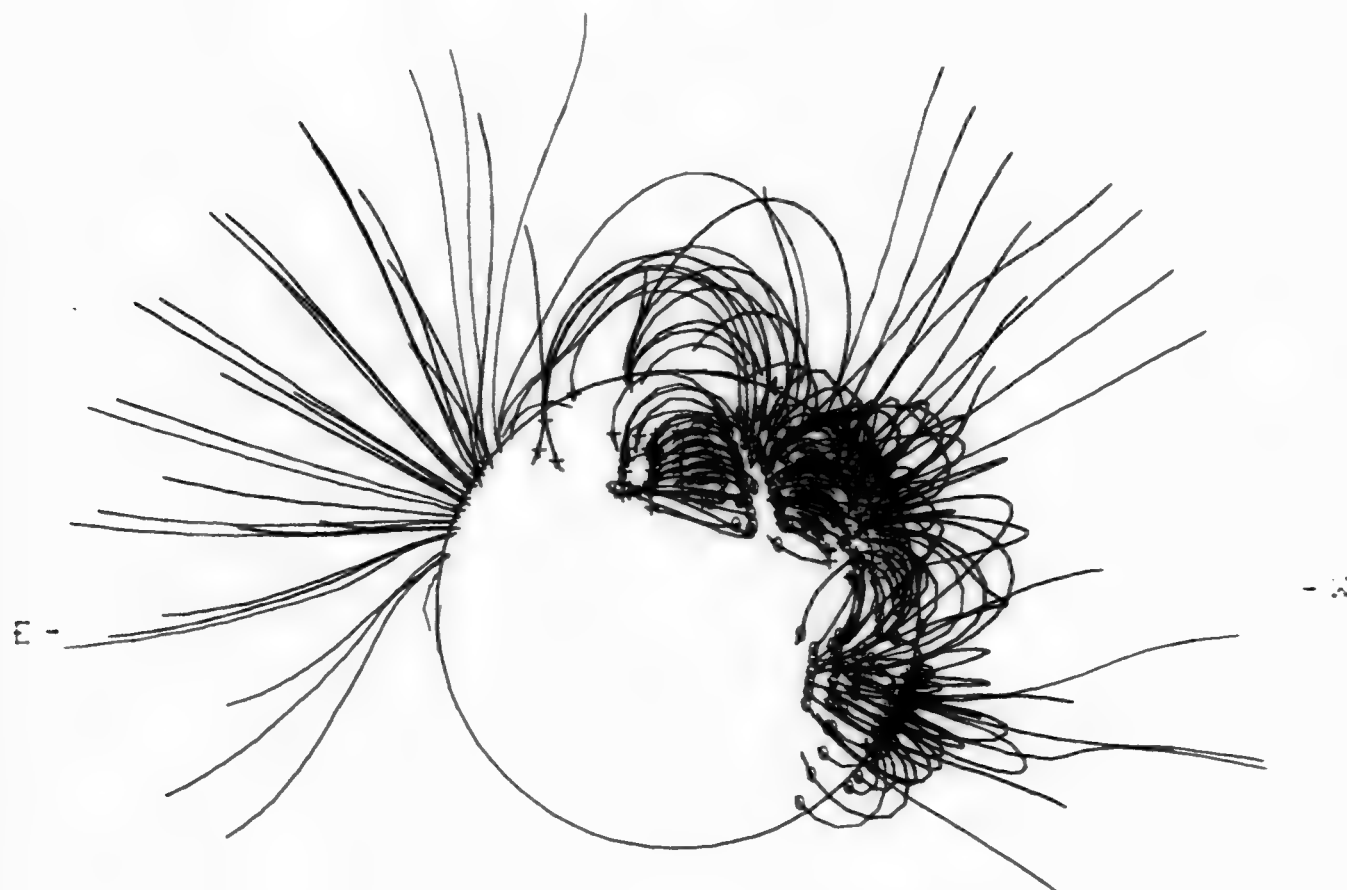
QUALITY FAIR

POLES DIRECT

DATA WIND ON 1514.00

REF. 1514 1514.00
0.5 1514 1514.00

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

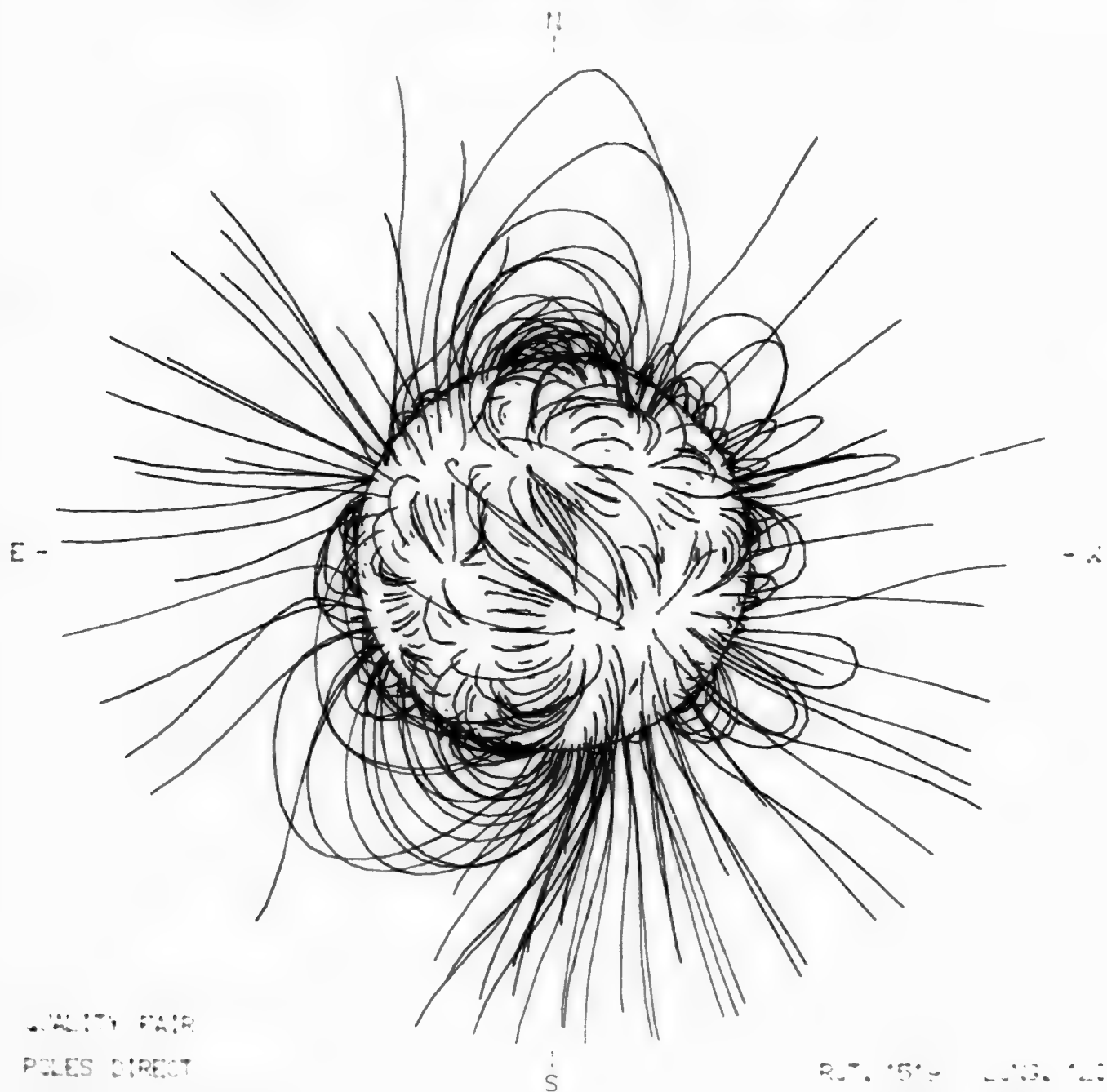
DATA WINDOW 1519.00

S

8.7. '54 10.13. '51

8.3 APR 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



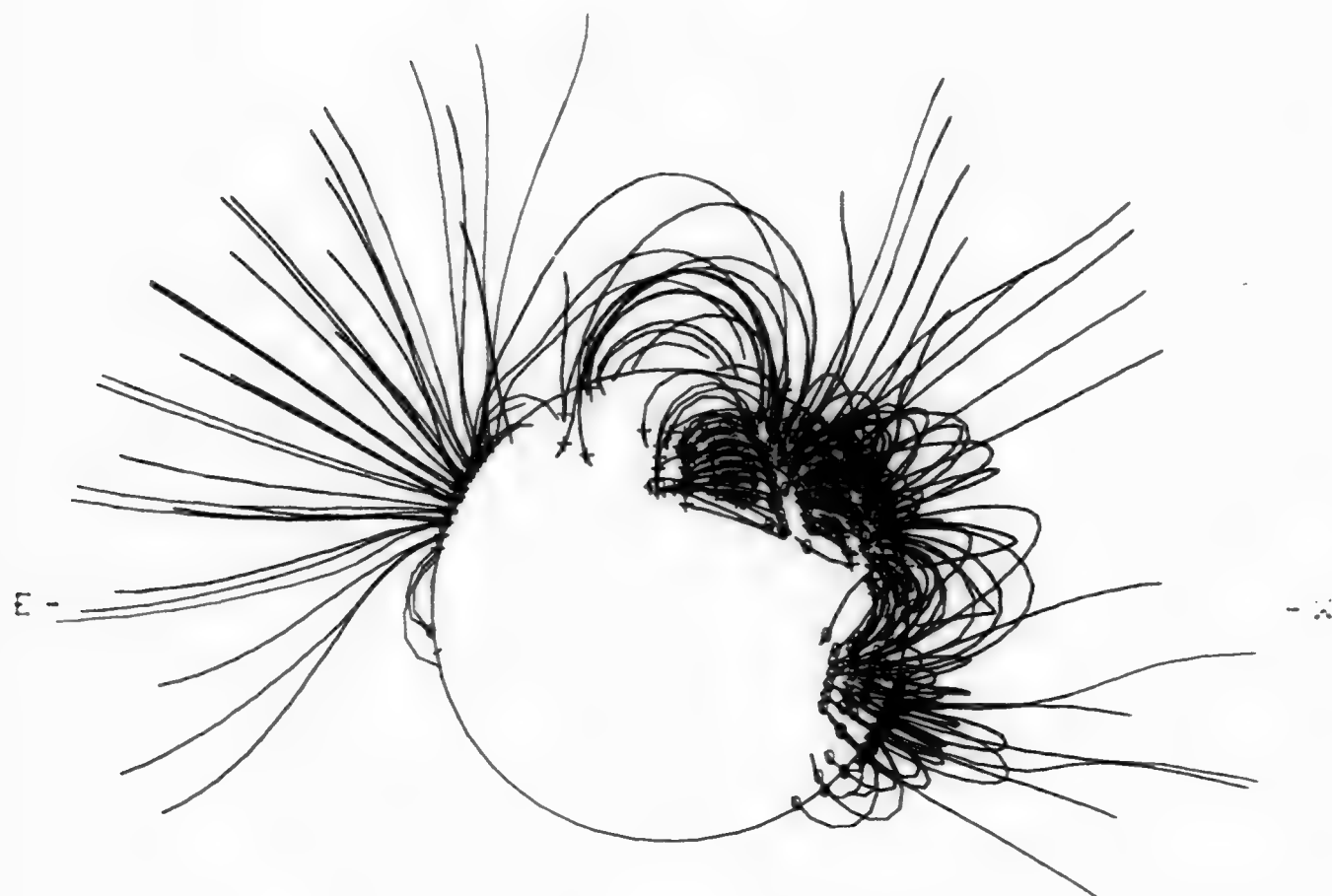
QUALITY FAIR

POLES DIRECT

DATA WINDOW 1519.00

RCT. 1519 LONG. 1519
LAT. 1519

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

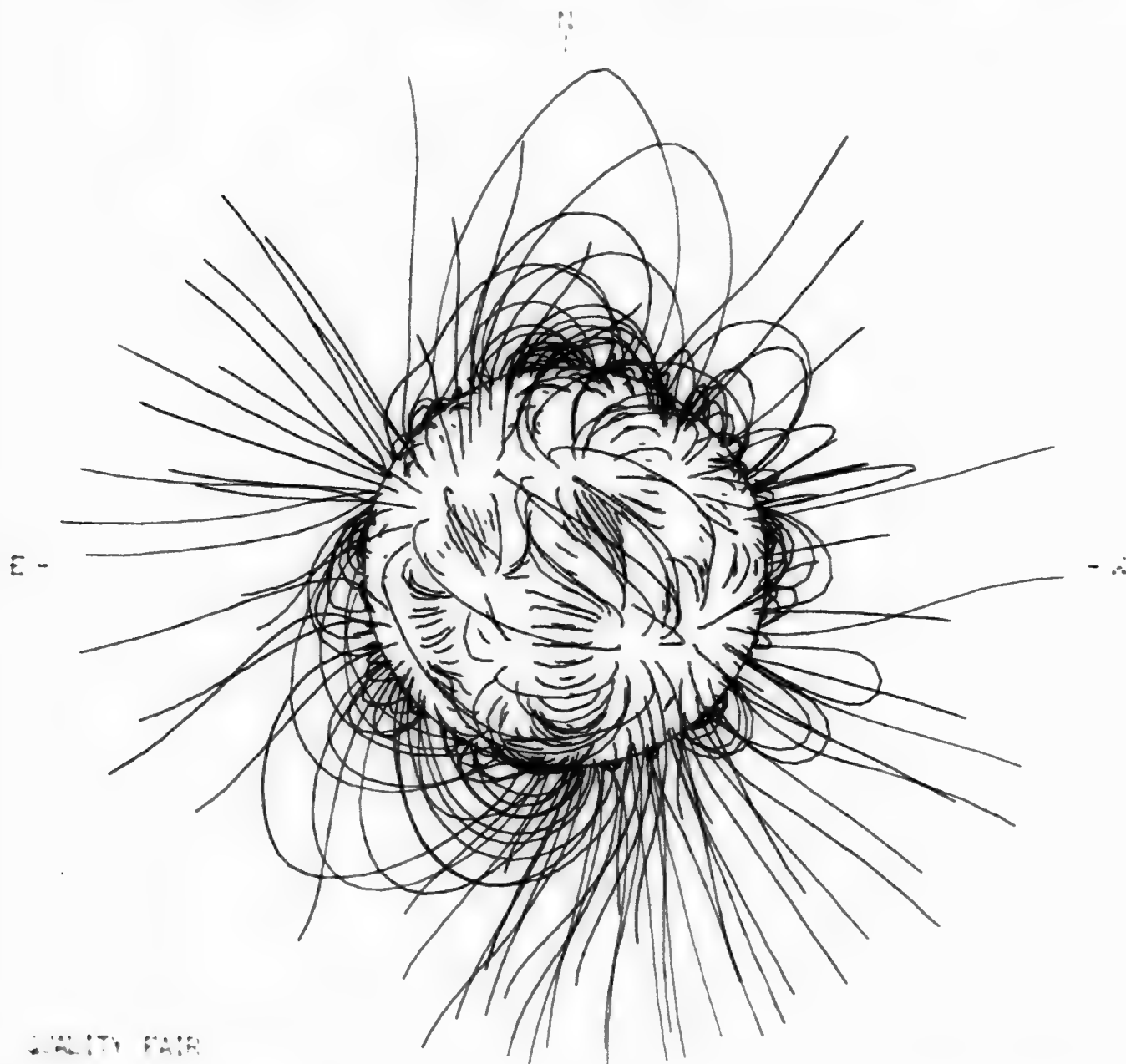
DATA WINDOW 1519.00

1
S

RUT. 1519 JUN. 1967

1.1 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

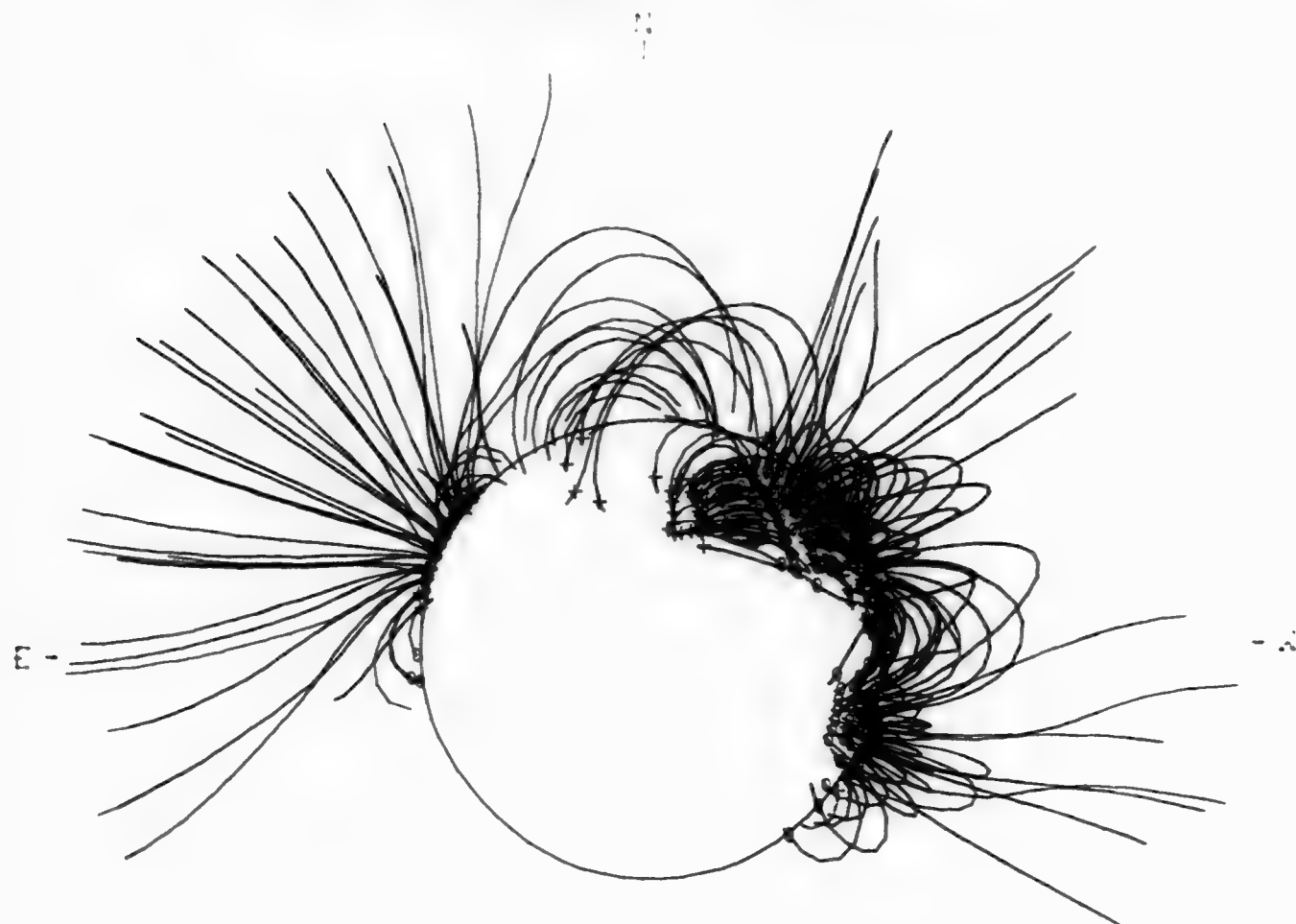
POLES DIRECT

DATA WINDOW 1500.00

ROT. 1515 LONG. 111°

4.4 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

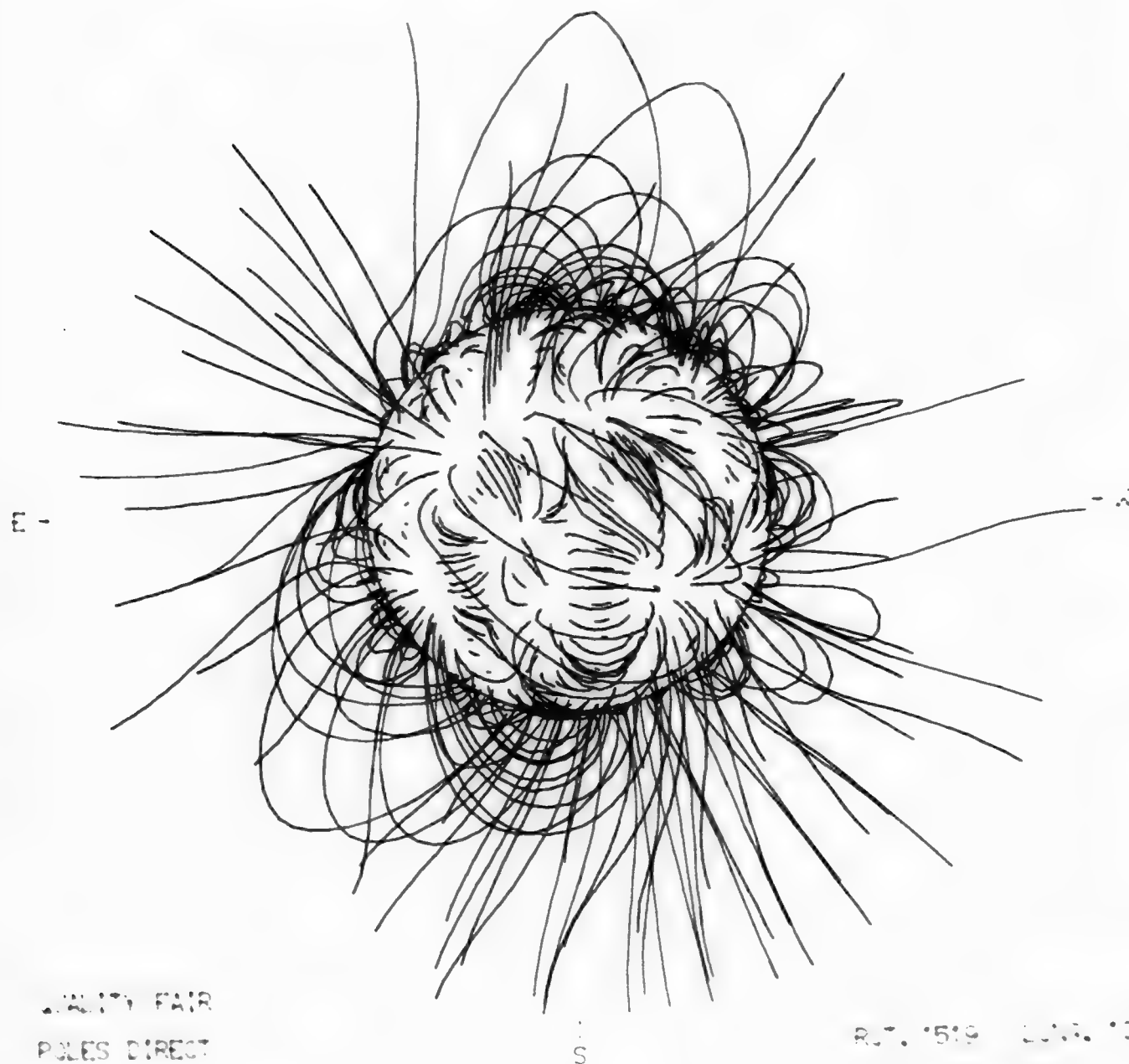
DATA WIND ON 1514.00

S

PLT. 1514 1013.110

1.4 APR 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

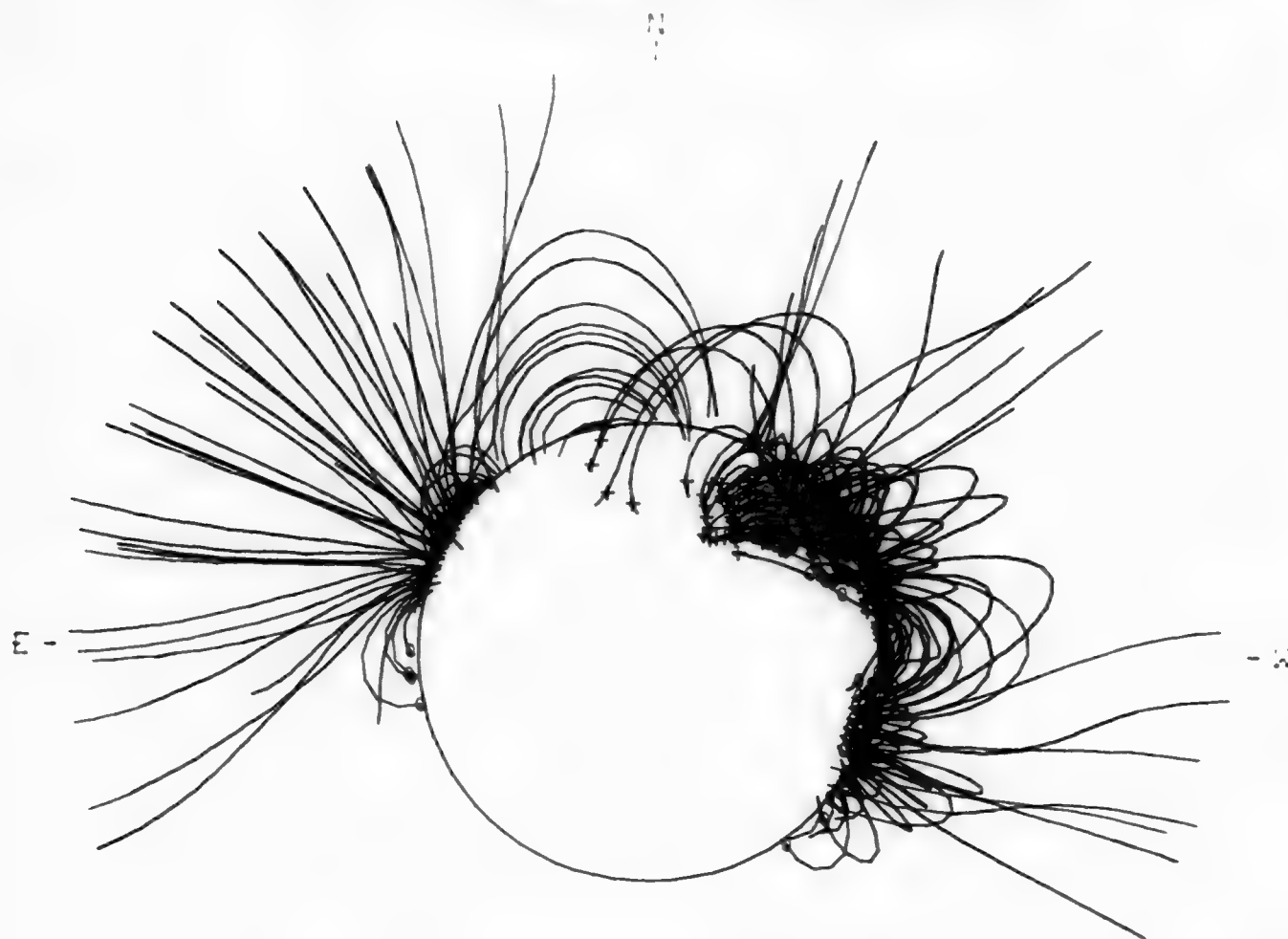
POLES DIRECT

DATA WINDOW 1519.00

R.T. 1519 1019.00

1015 APR 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

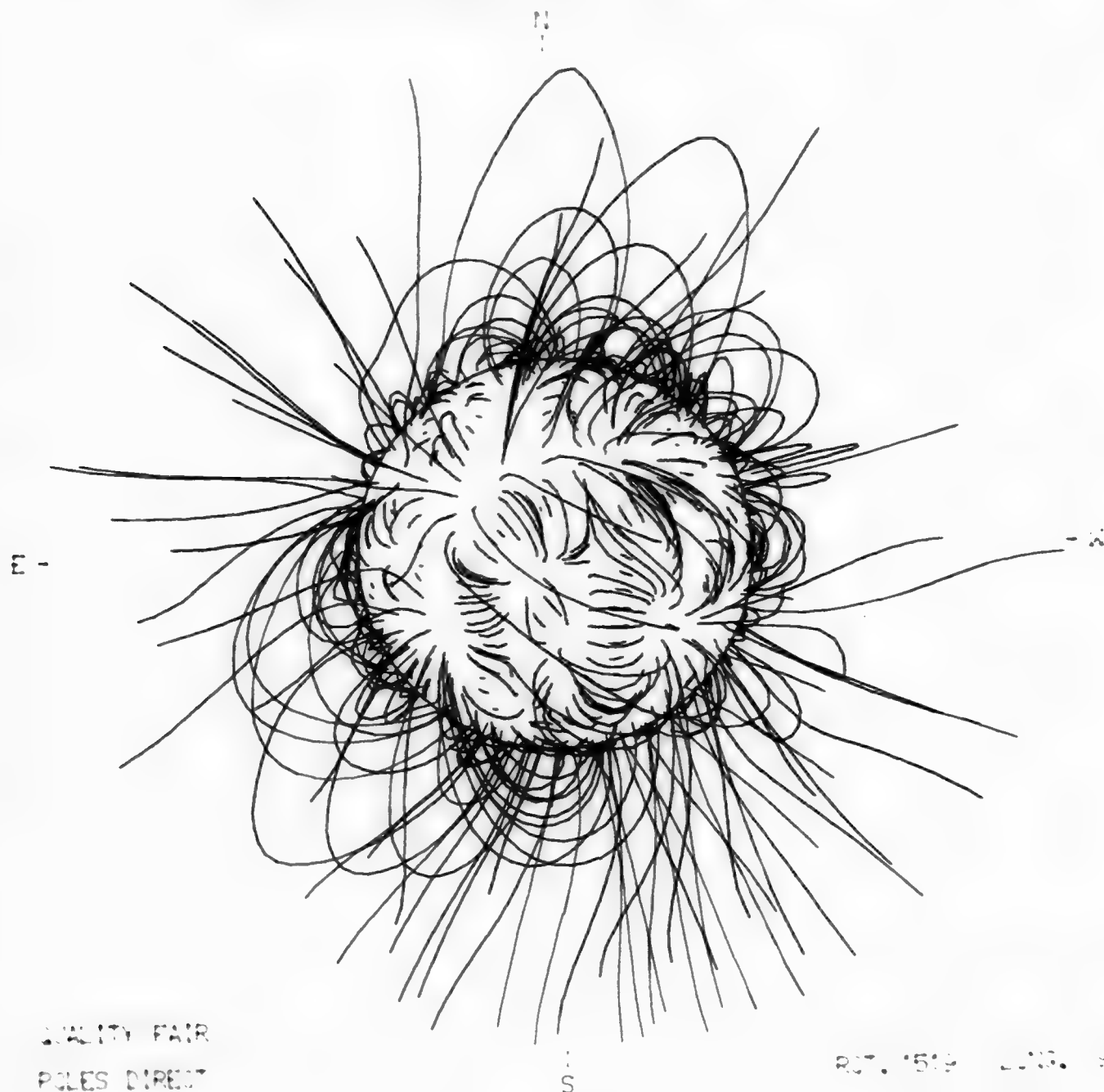
DATA WINDOW 1519.00

S

RUT. 1519 1019.100

10.6 APR 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

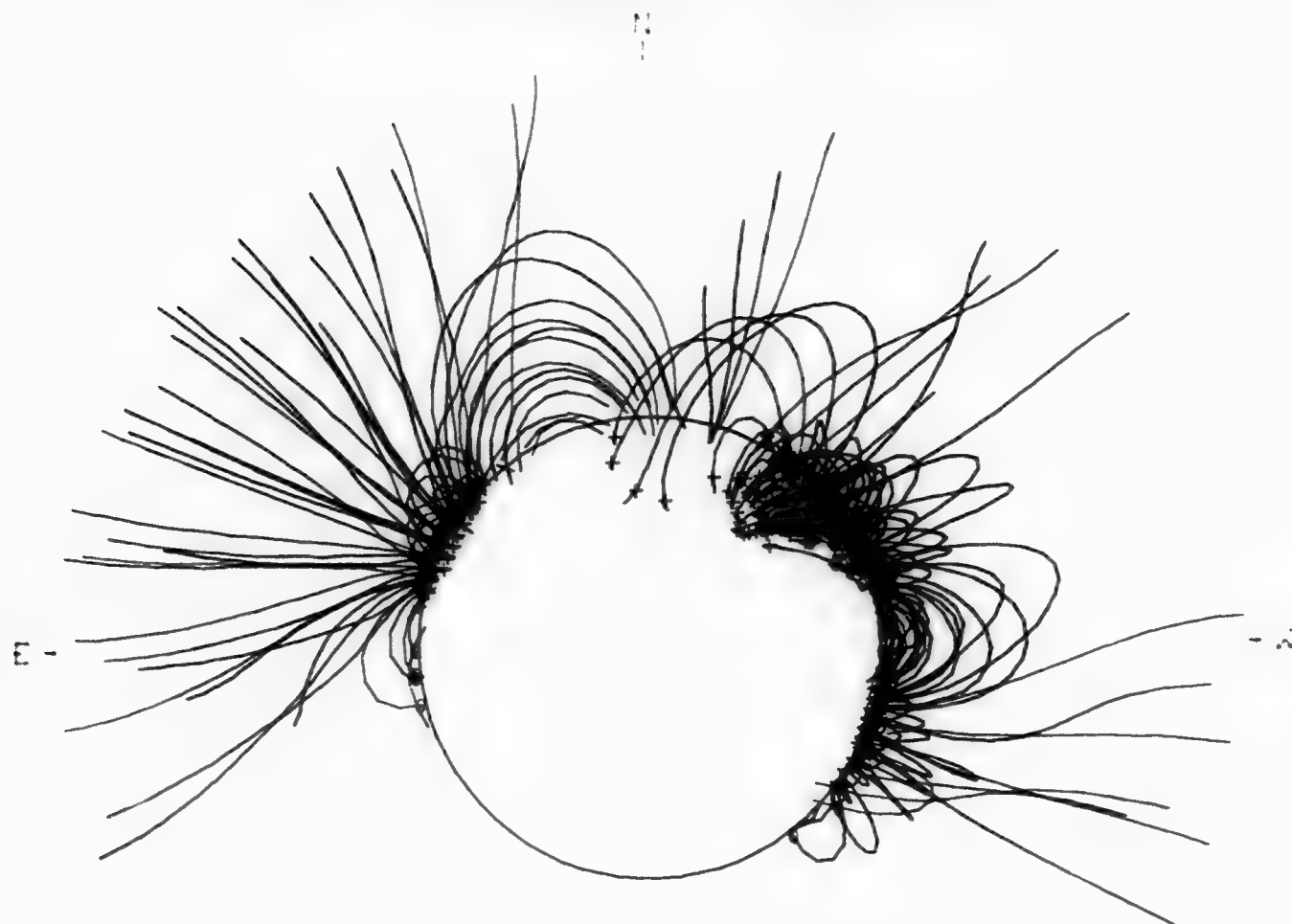
POLES DIRECT

DATA WINDOW 1519.00

ROT. 1519 LING. 90°

11.4 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

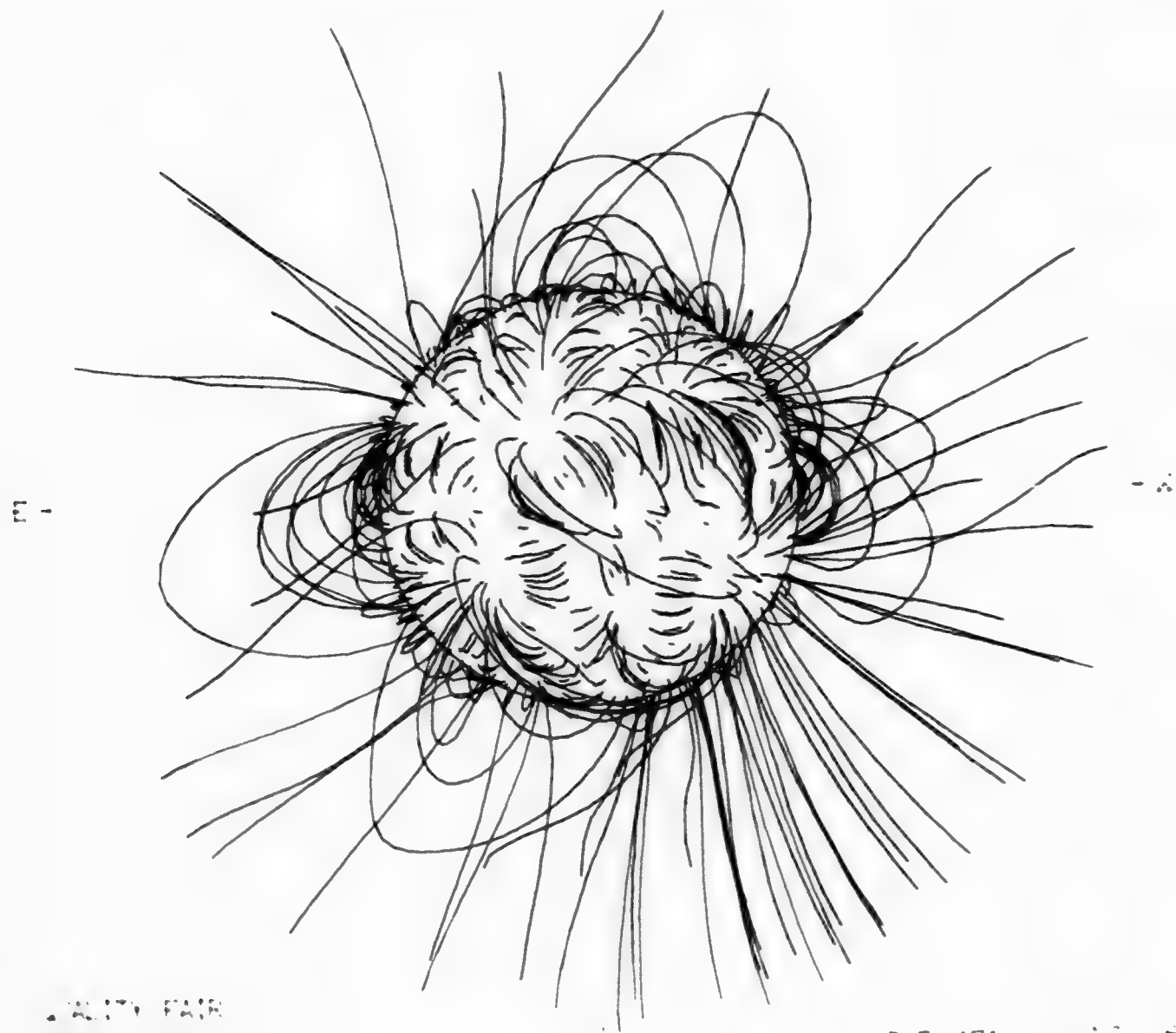
DATA WINDOW 1519.00

S

RET. 1519 LING. 1519

11.4 APR 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

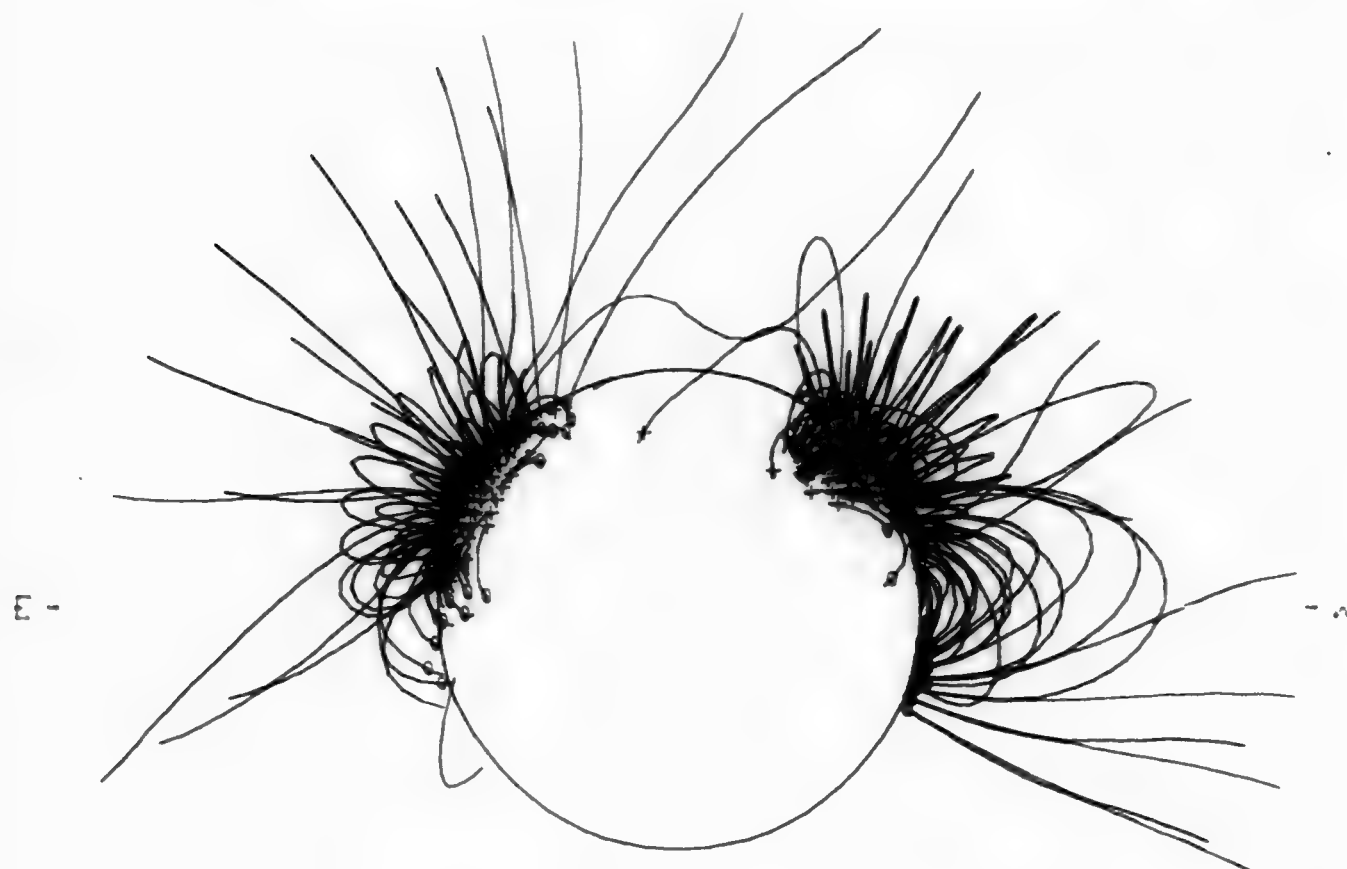
DATA AND IN 1519.47

S

2.7.15.1 10.1.15.1

10.1.15.1 10.1.15.1

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

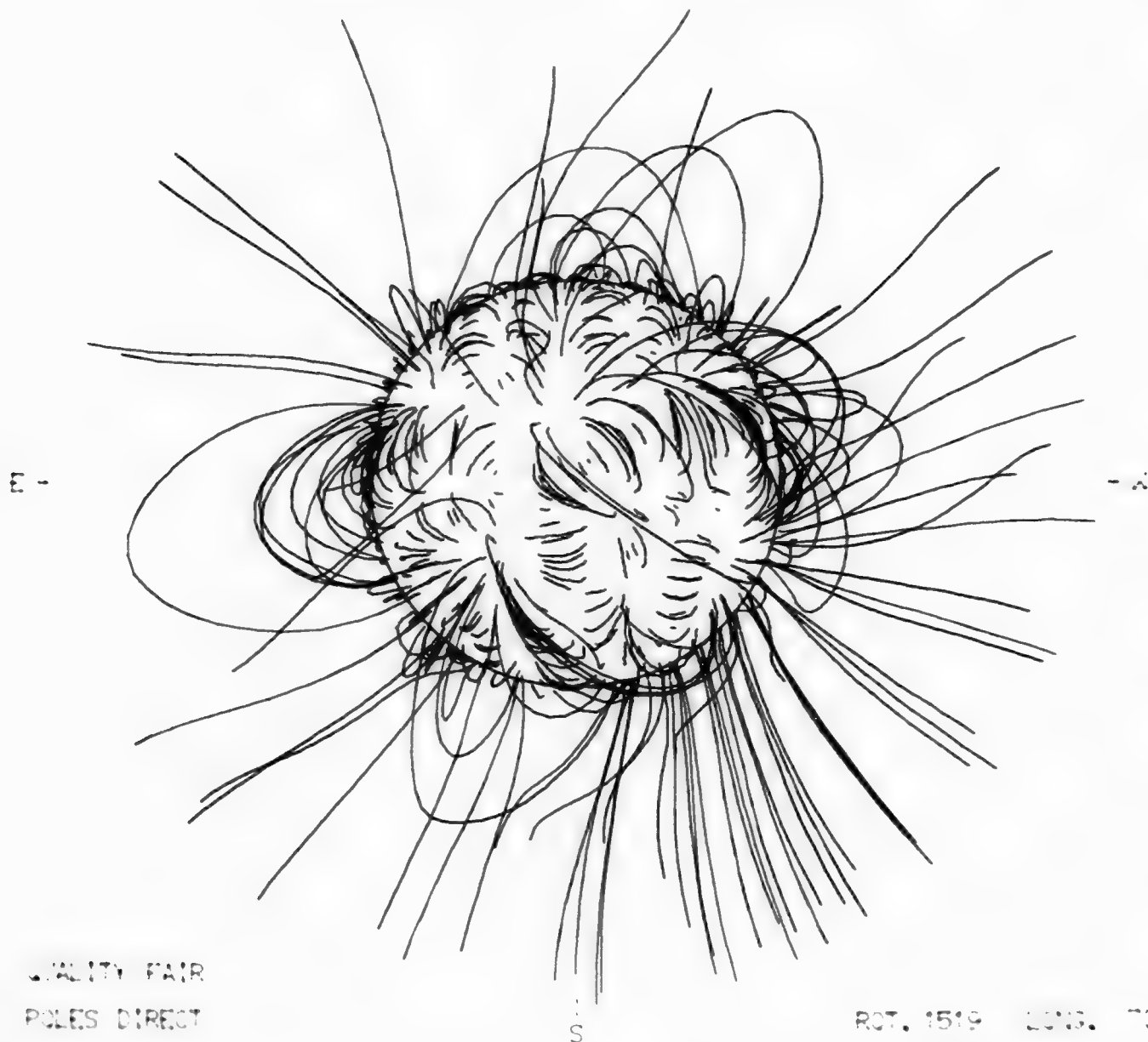
DATA WINDOW 1519.47

S

ROT. 15.5 20.5 4.0

12.1 20.5 1.5

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

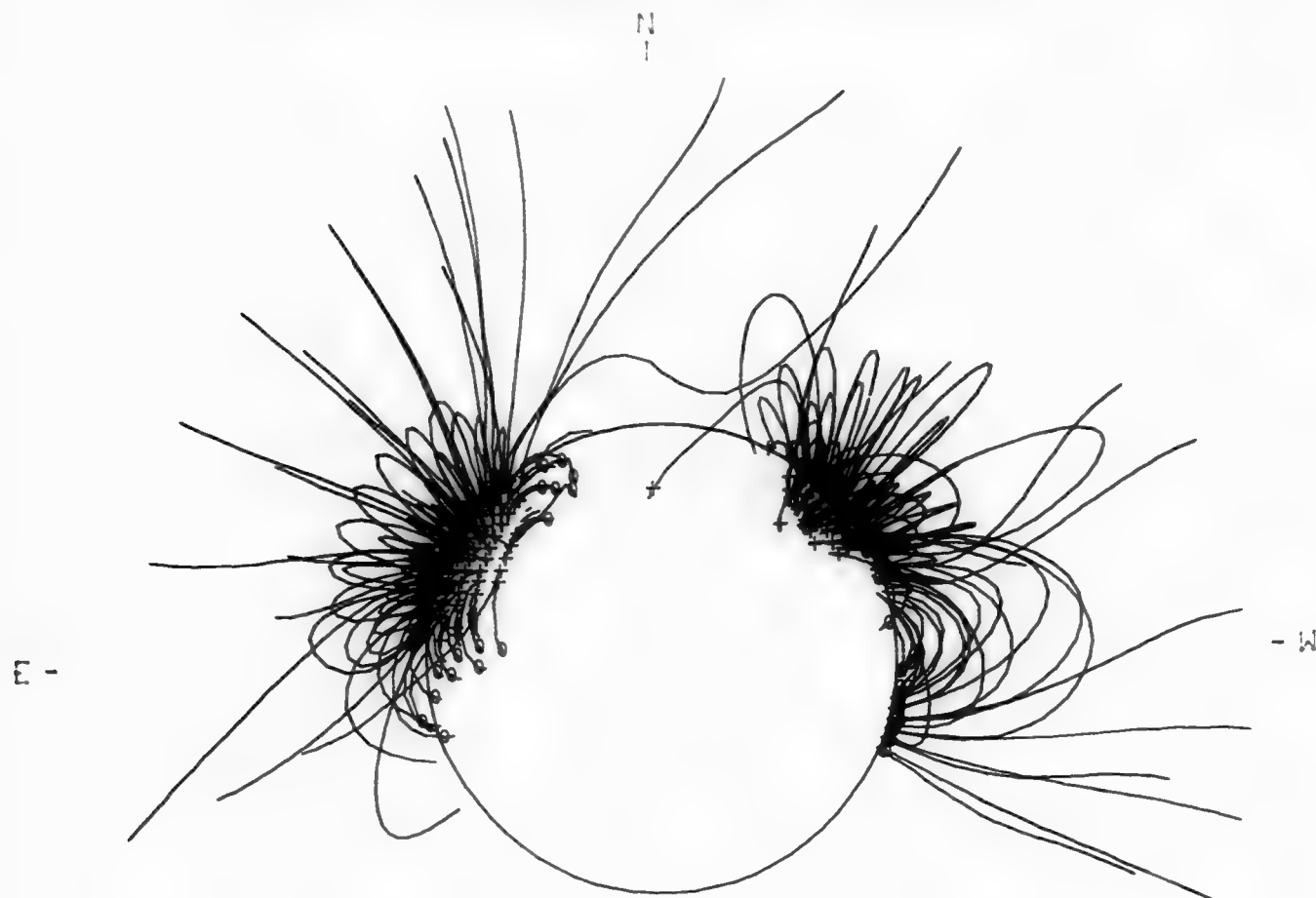
POLES DIRECT

DATA NUMBER 1519.47

ROT. 1519 2013. 71°

12.9 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

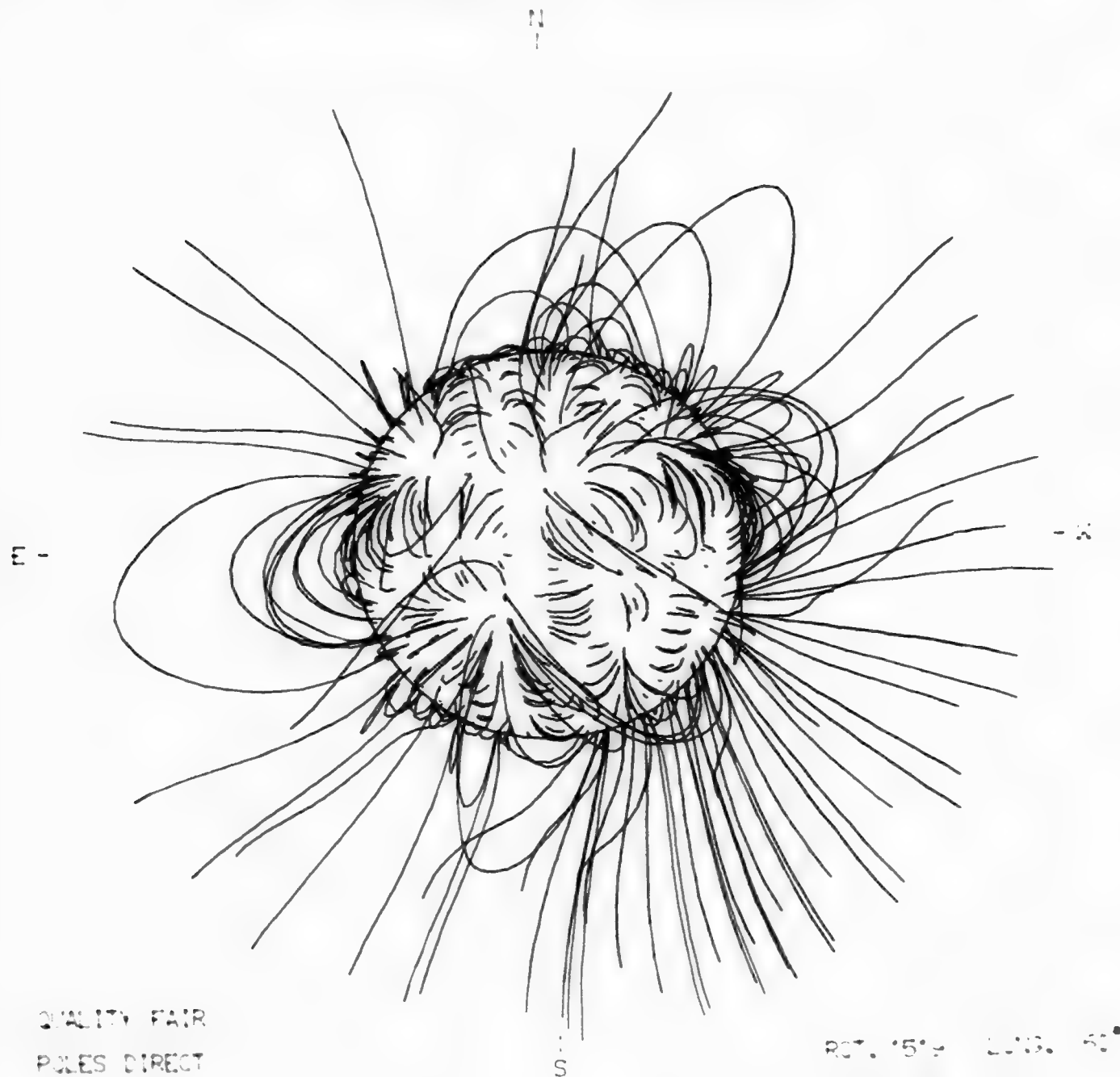
DATA WINDOW 1519.47

1
S

ROT. 1519 LONG. 70°

12.9 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

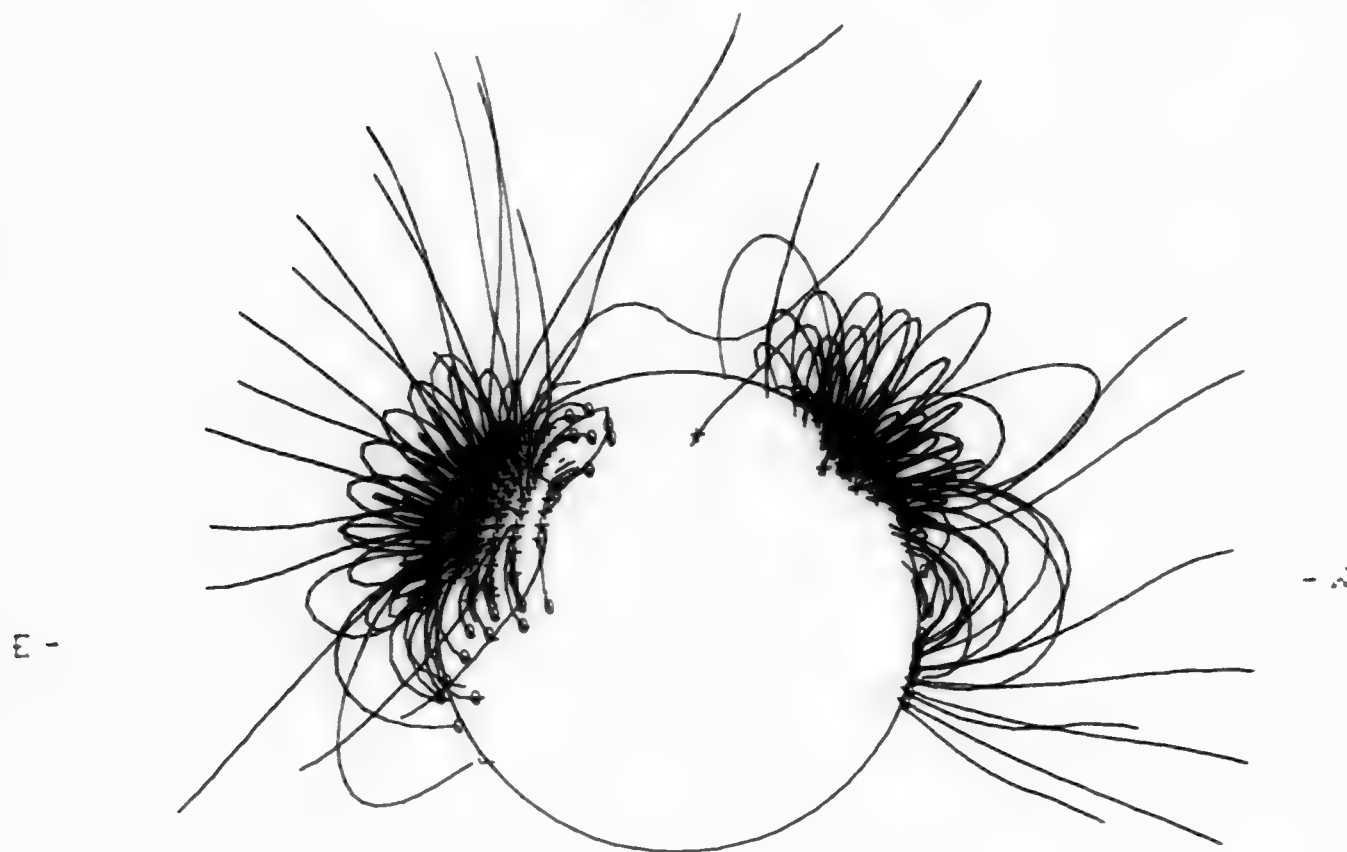
POLES DIRECT

DATA WINDOW 1519.47

ROT. 15° LONG. 60°

13.6 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

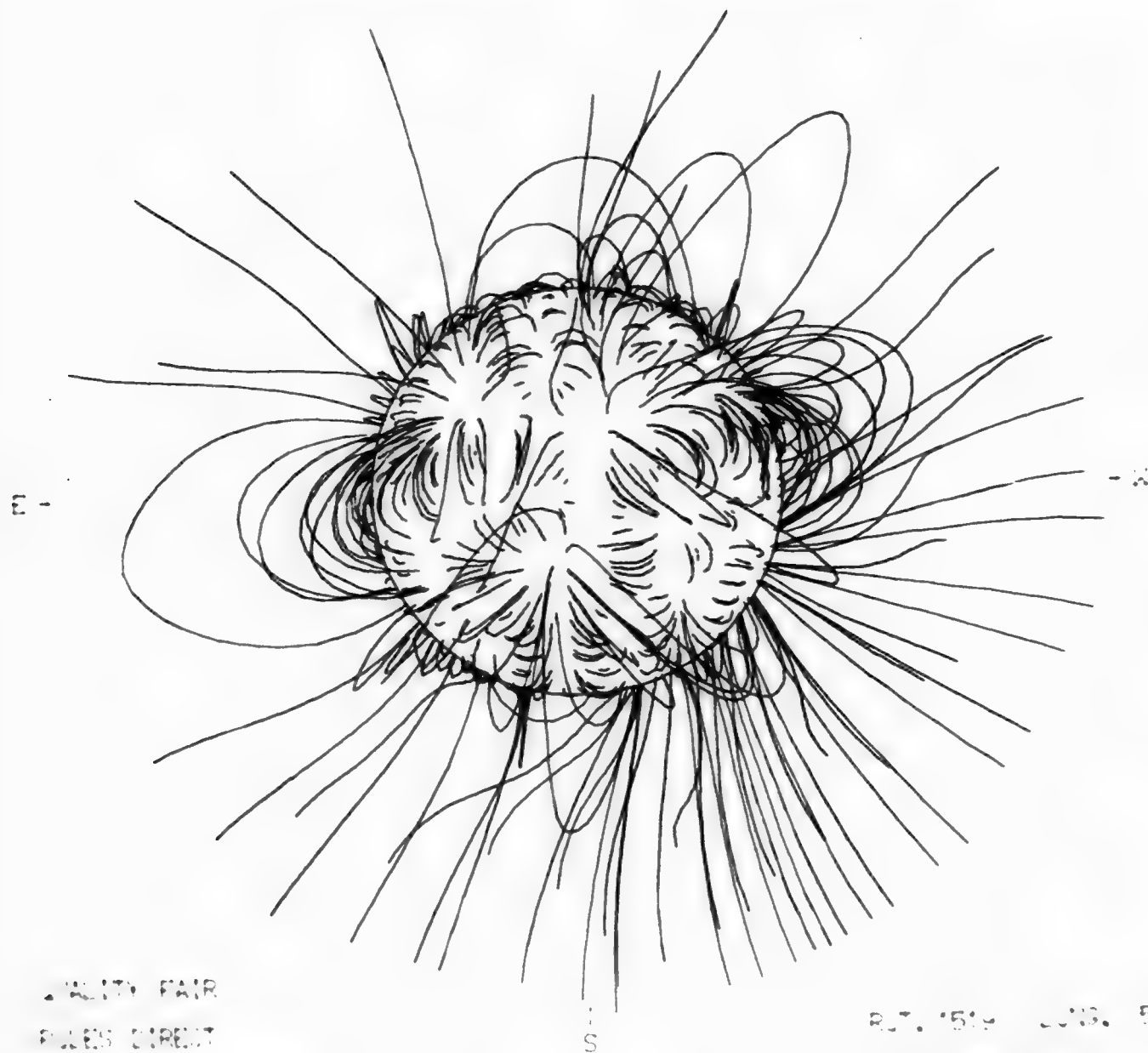


QUALITY FAIR
FILES DIRECT
DATA WINDOW 1514.47

S

ROT. 1514 LONG. 1514
13.5 219 120

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

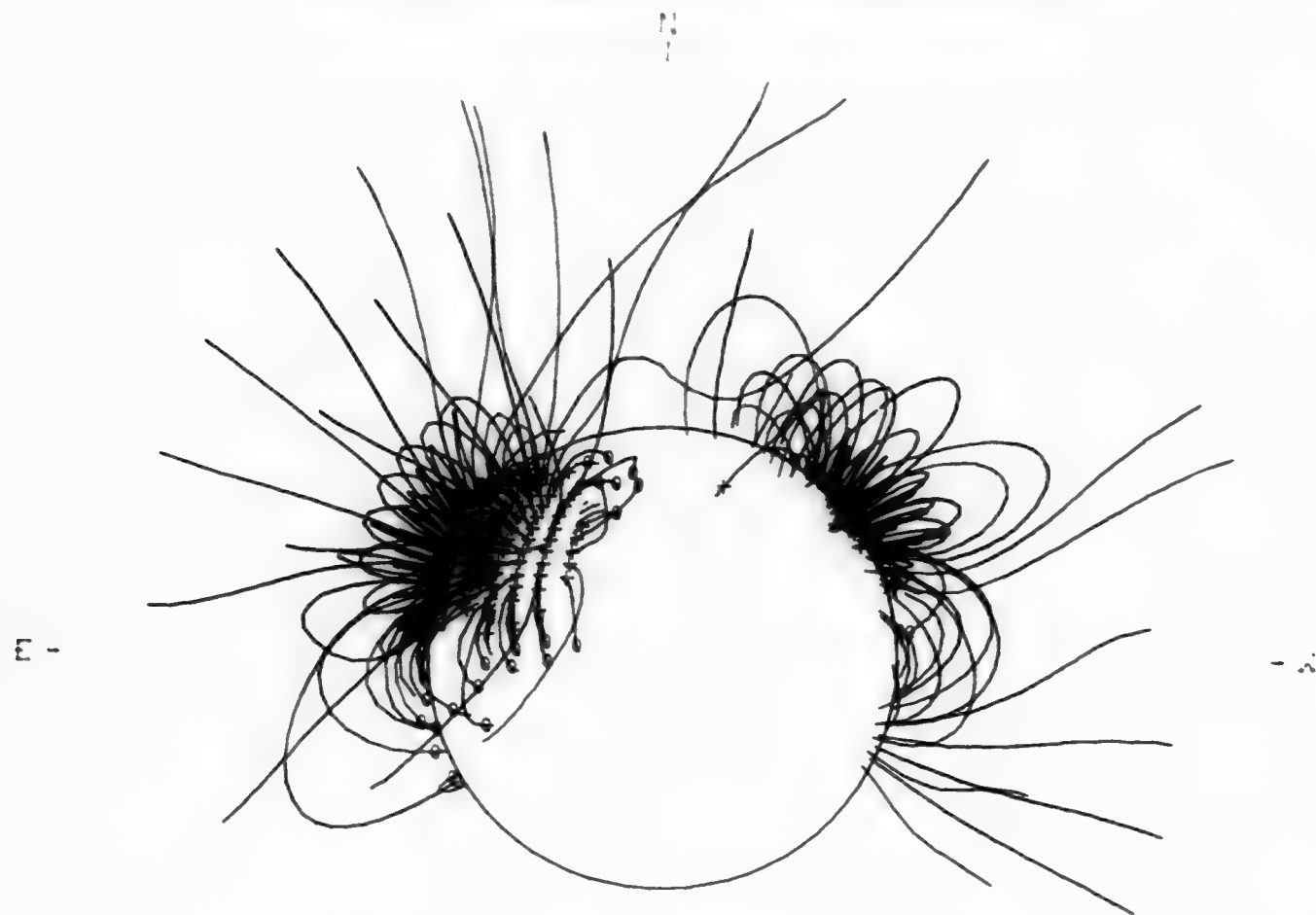
FILES DIRECT

DATA WIDE JN 1519.47

R.T. '519 J.J.B. 51°

12.4 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

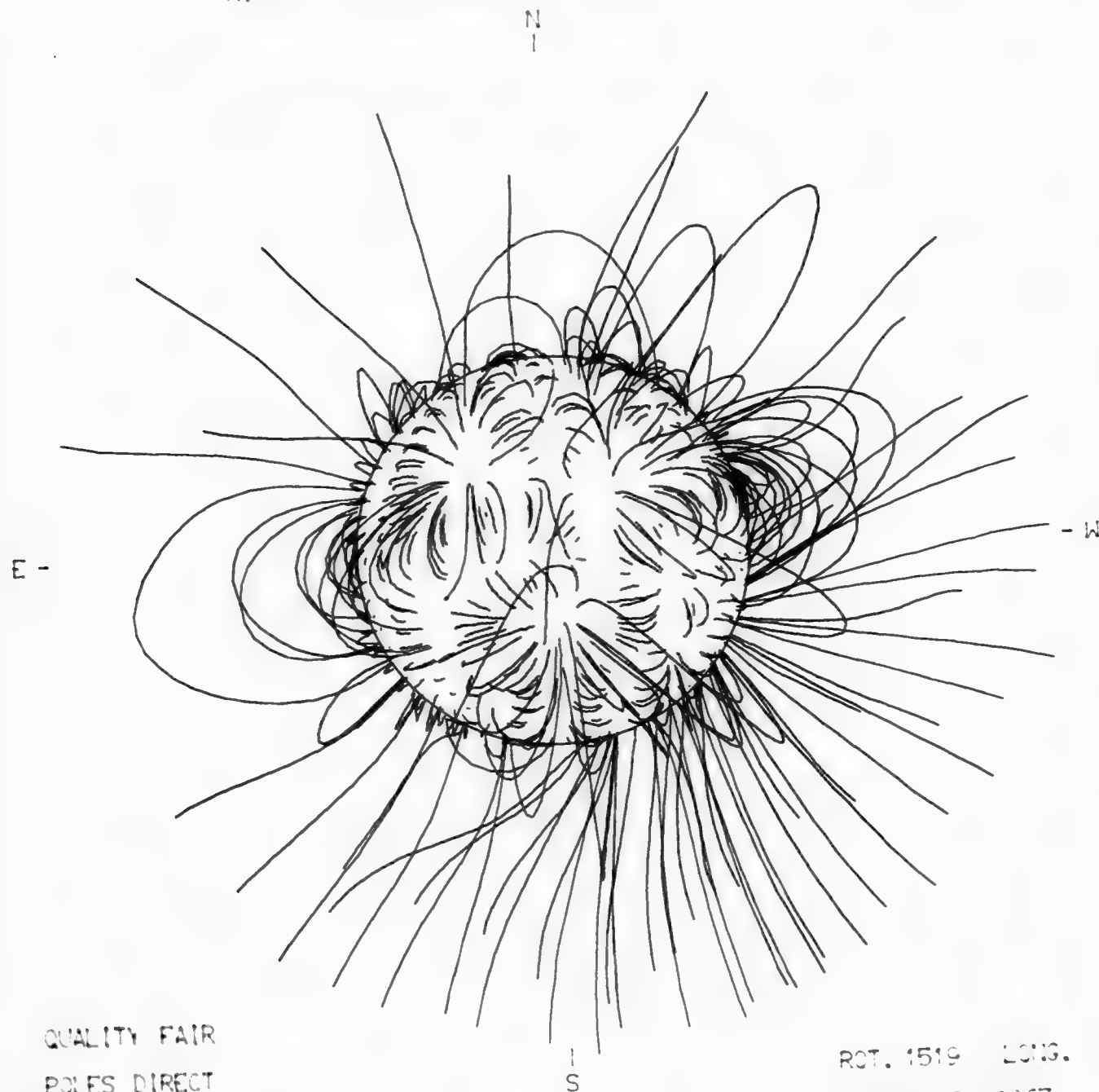
CATA WIND IN 1514.47

S

RUT. 1514 100. 50°

12.4 APR 1967

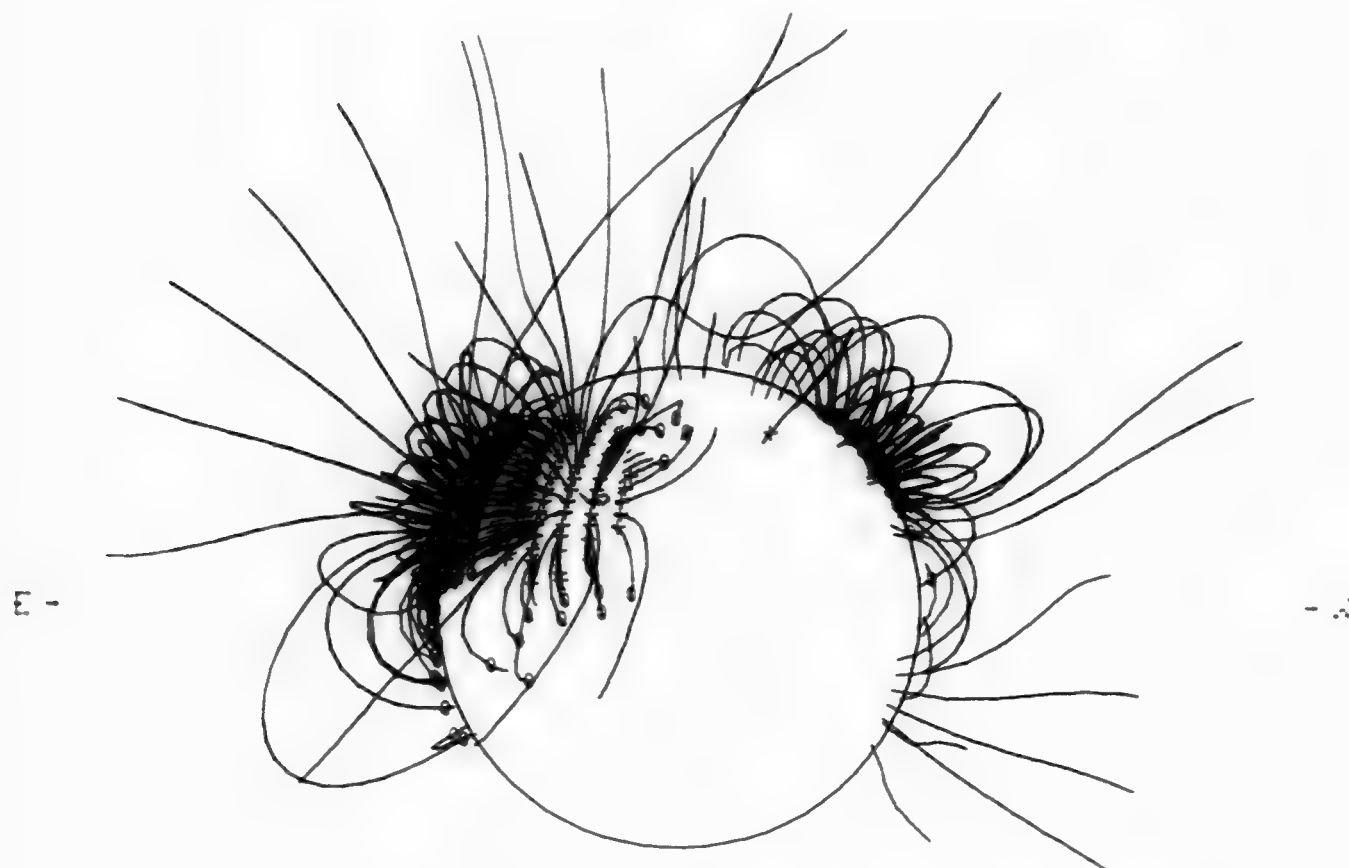
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1519.47

ROT. 1519 LONG. 40°
15.2 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

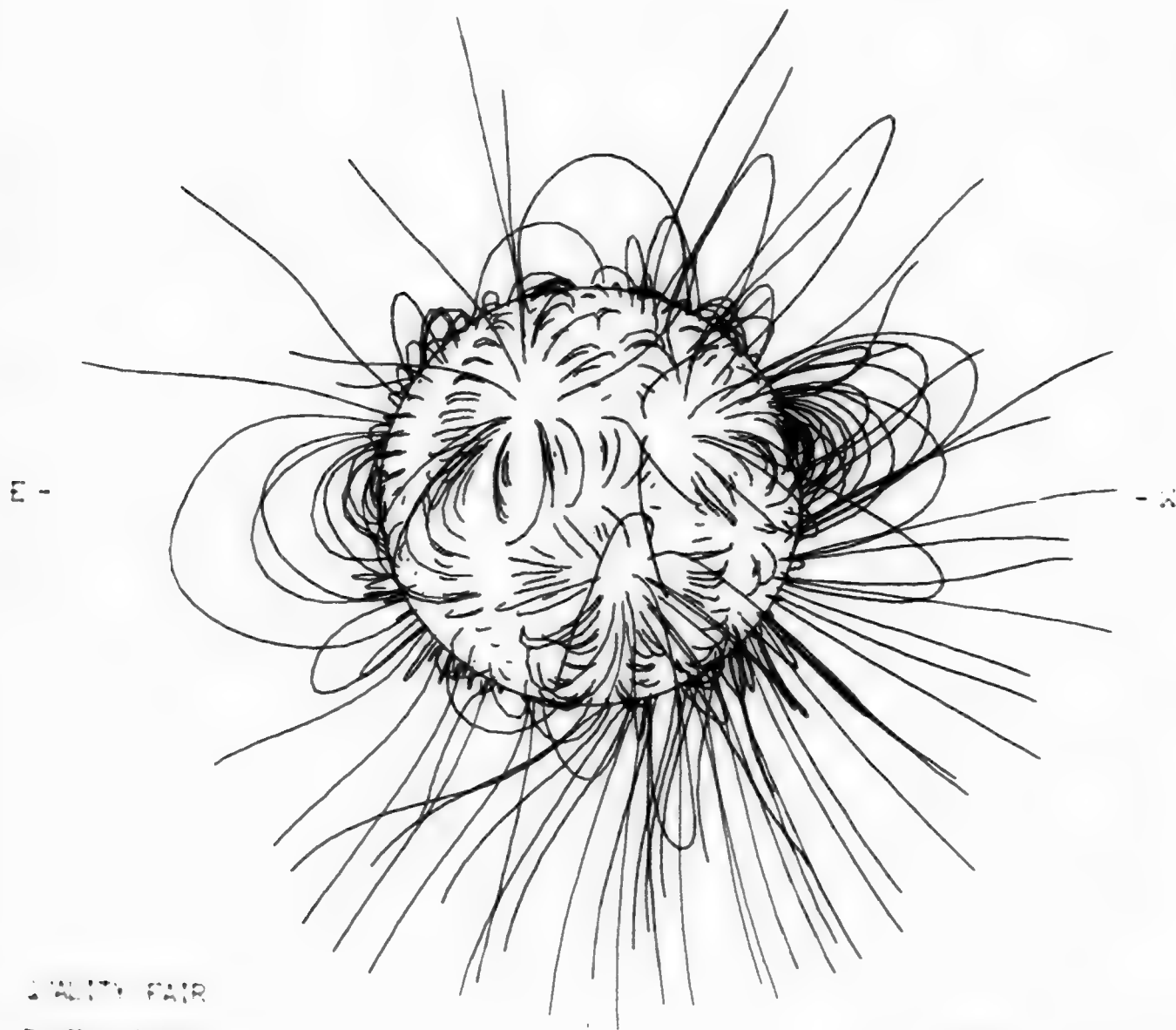
DATA WIND IN 1519.47

S

R.L.T. 1519 L.L.T. 40°

15.2 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

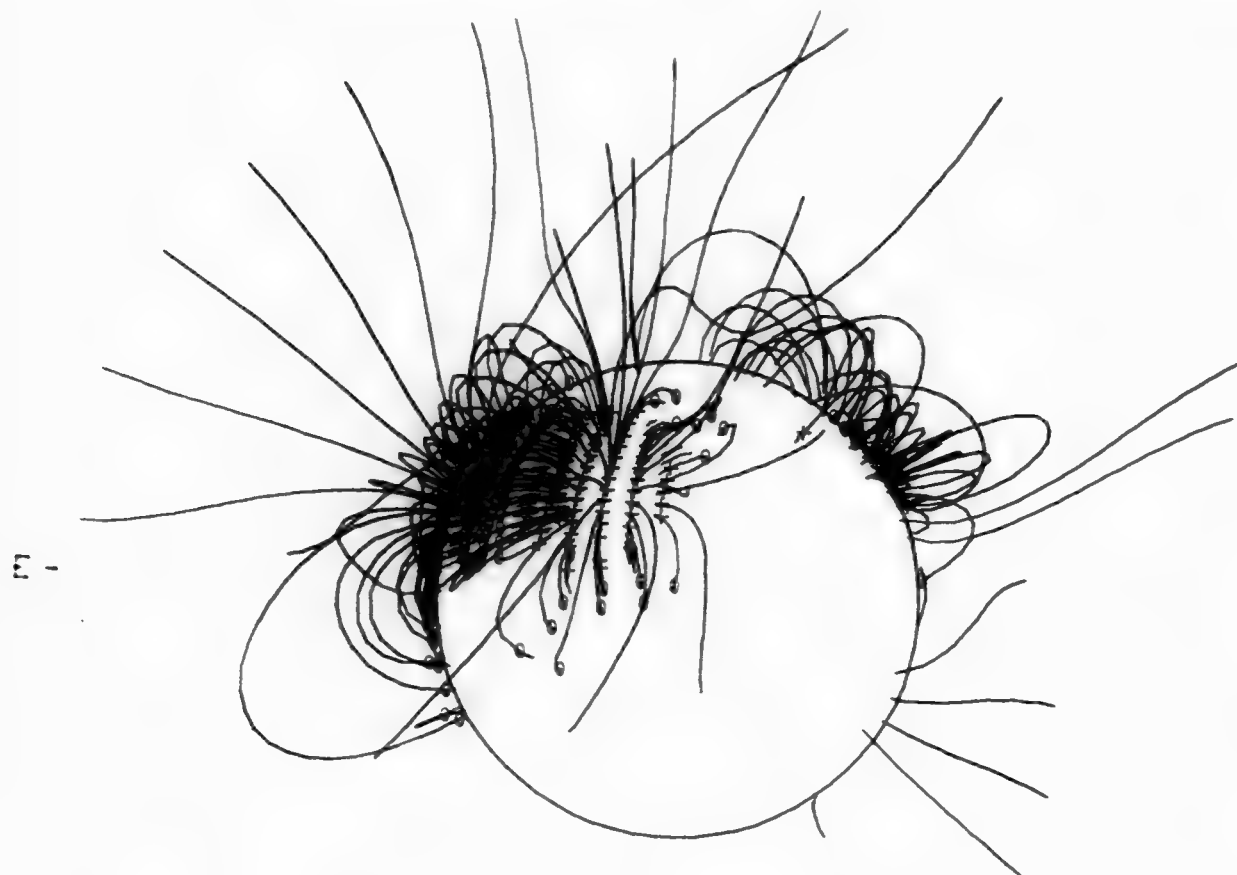
DATA WINDOW 1519.47

S

RUT. 1519 2110. 31°

15.9 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



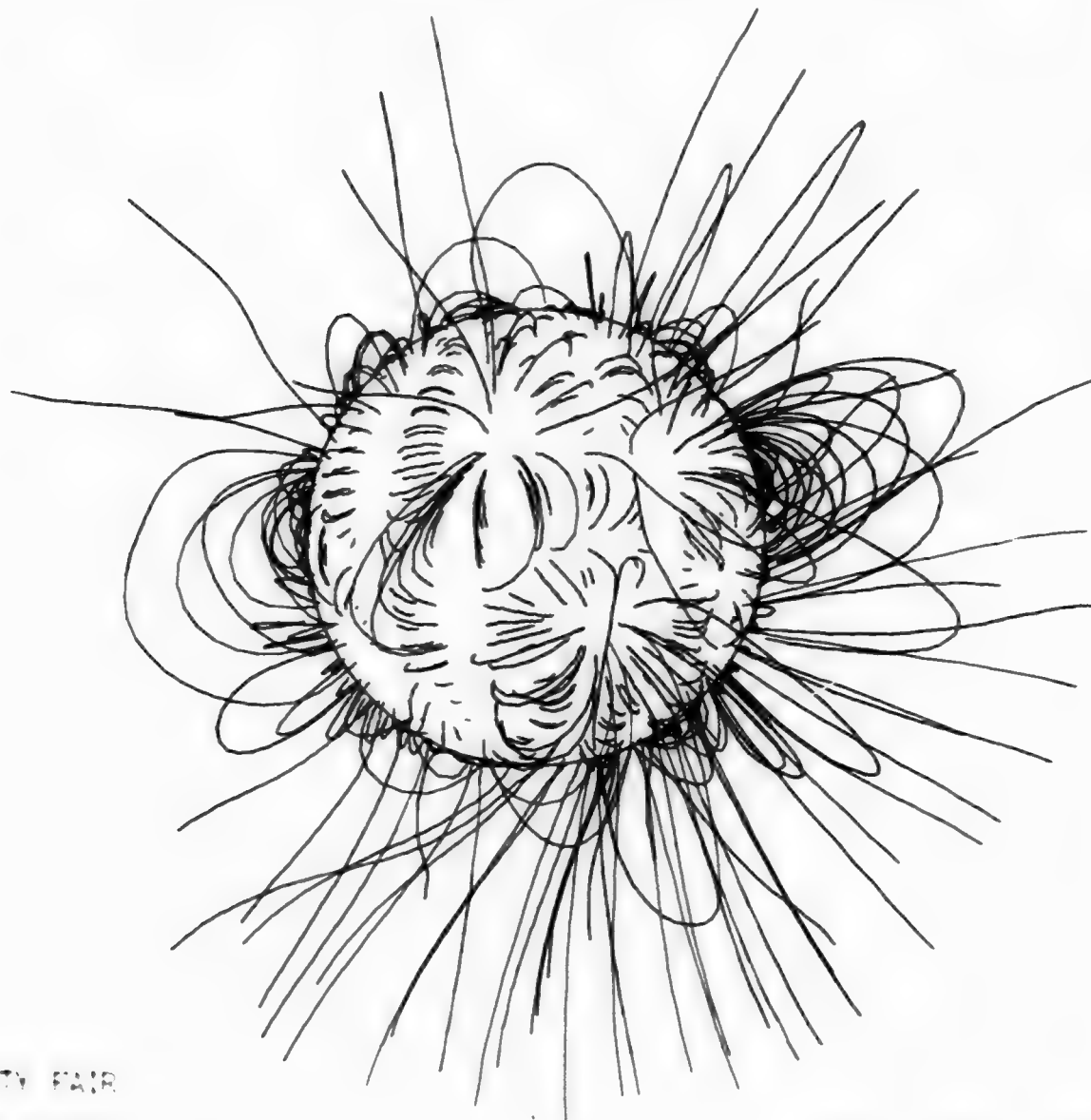
QUALITY FAIR
POLES DIRECT
DATA WINDOW 1519.47

S

R.T. 1519 1110. 30°
15.9 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



S -

QUALITY FAIR

POLES DIRECT

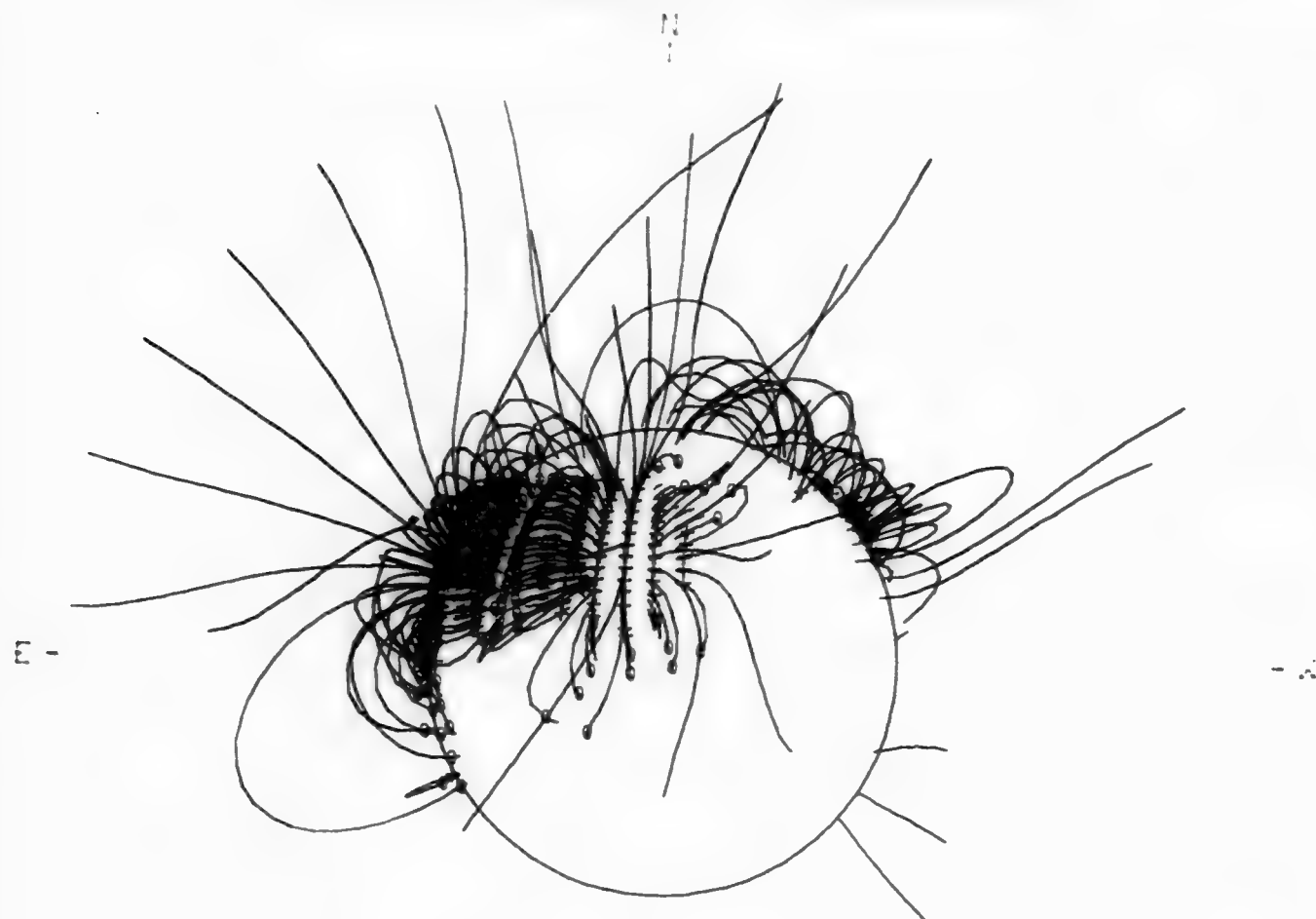
DATA WIND ON 15/11/57

S

ROT. 15.14 LONG. 11.0

15.7 272 1.000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

DATA WINDOW 1519.47

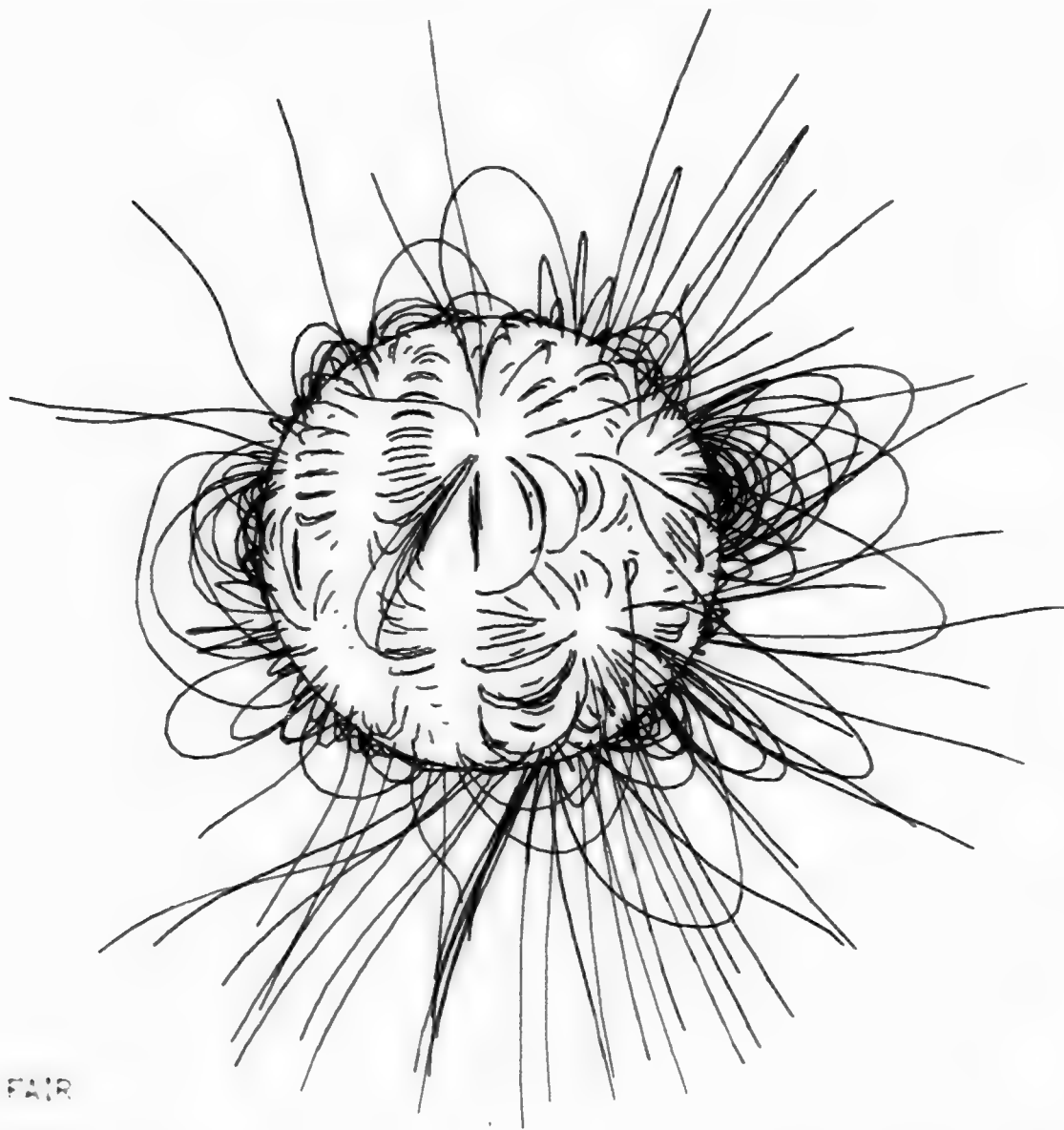
S

ELT. 15° 11.6. 21°

16.7 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



E

W

QUALITY FAIR

POLES DIRECT

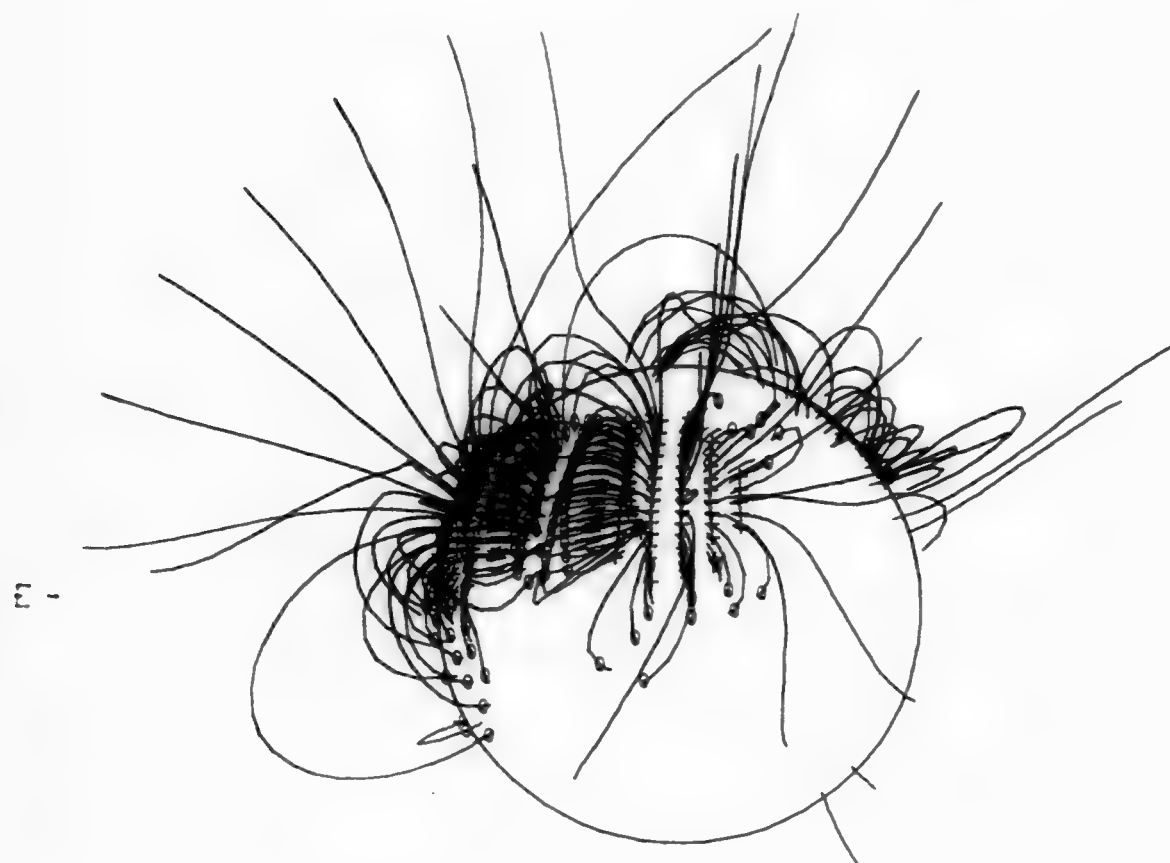
DATA WINDOW 1519.47

S

RUT. 1519 1013. 10

17.4 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

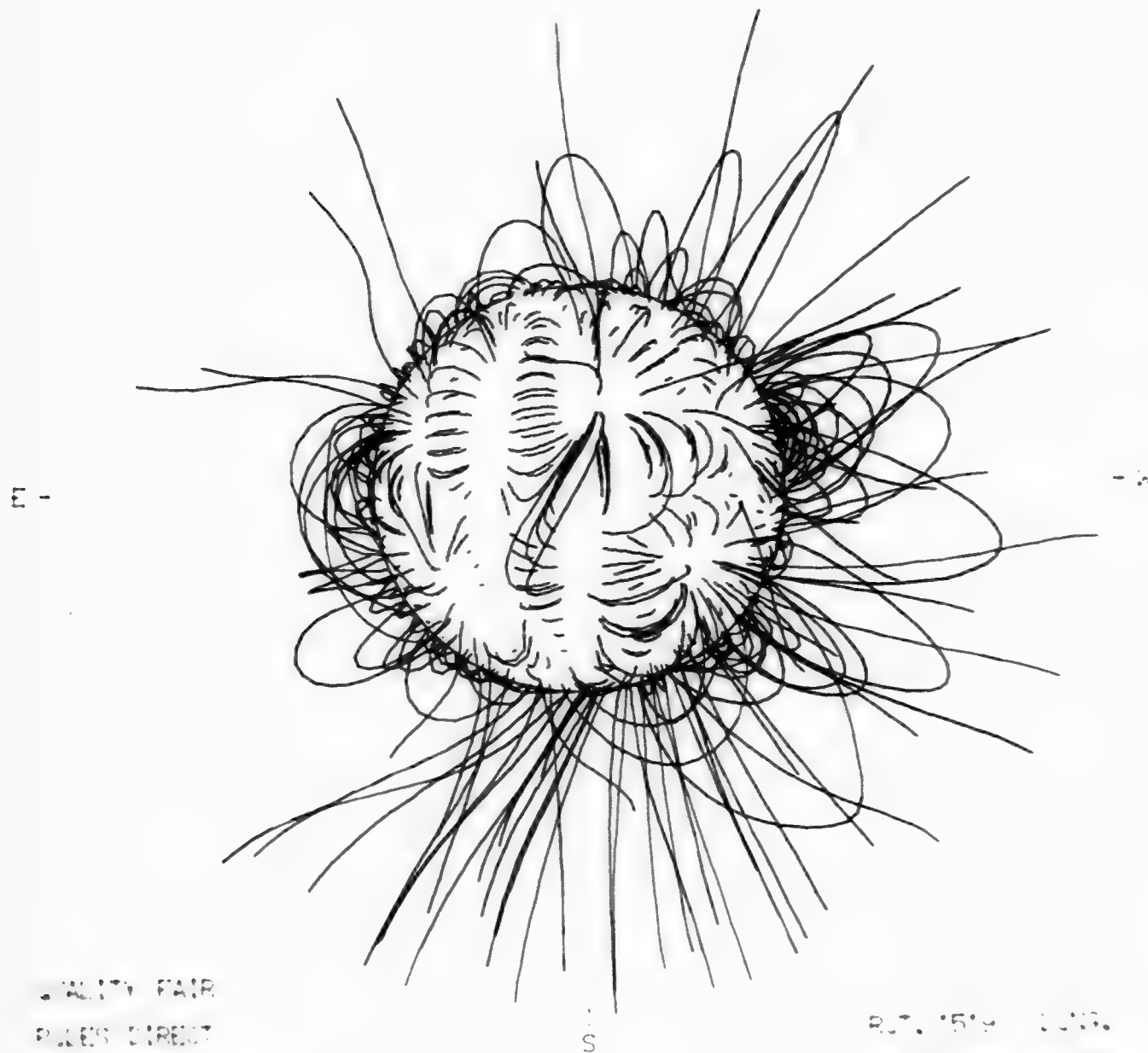
POLES DIRECT

DATA WINDOW 1510.47

S

RET. 1510.47 1510.47
1510.47 1510.47

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

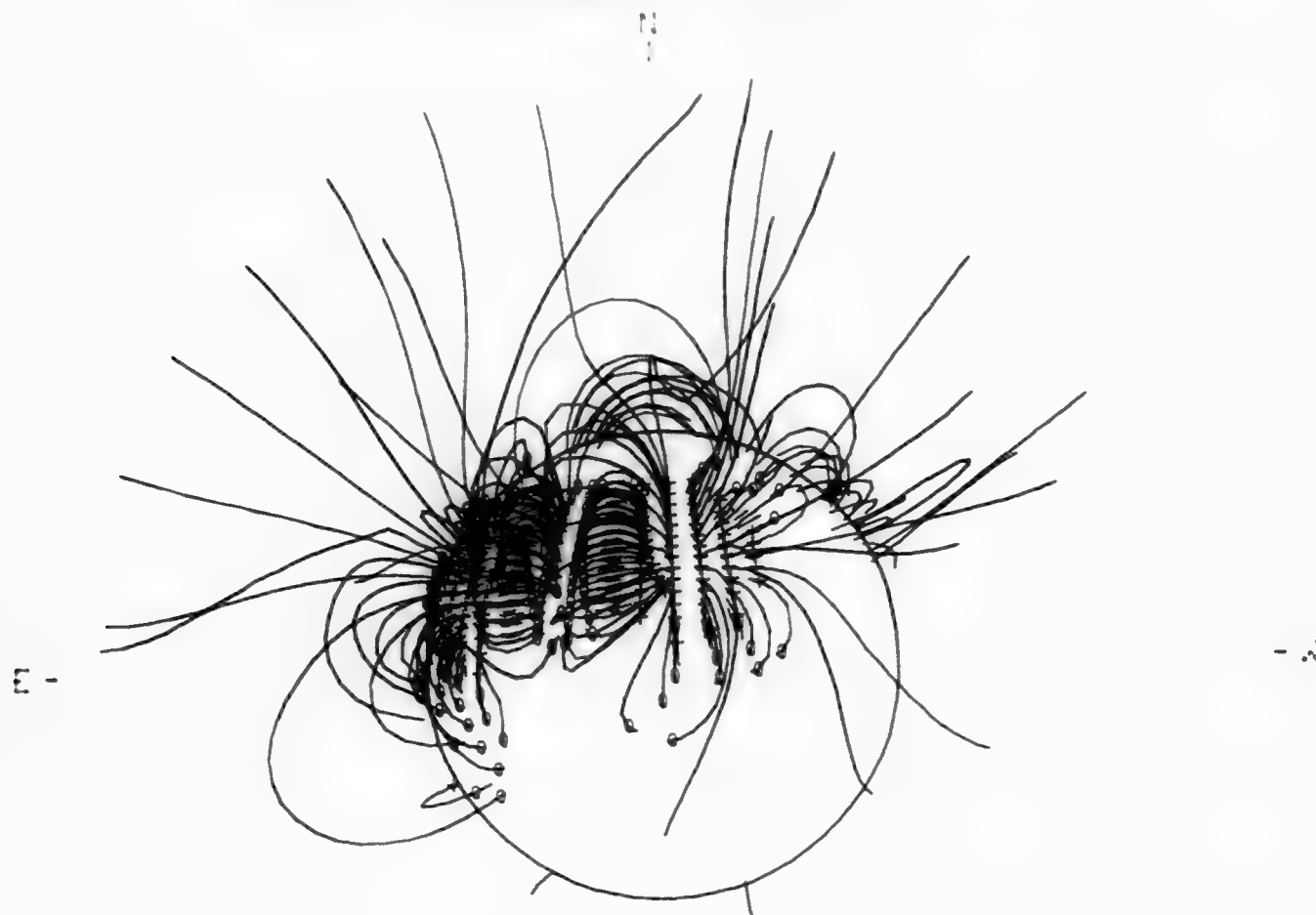
PALES DIRECT

CATA WIND ON 15° 47'

R.T. 15° 47' 10.0°

18.2 APR 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

PULLEY DIRECT

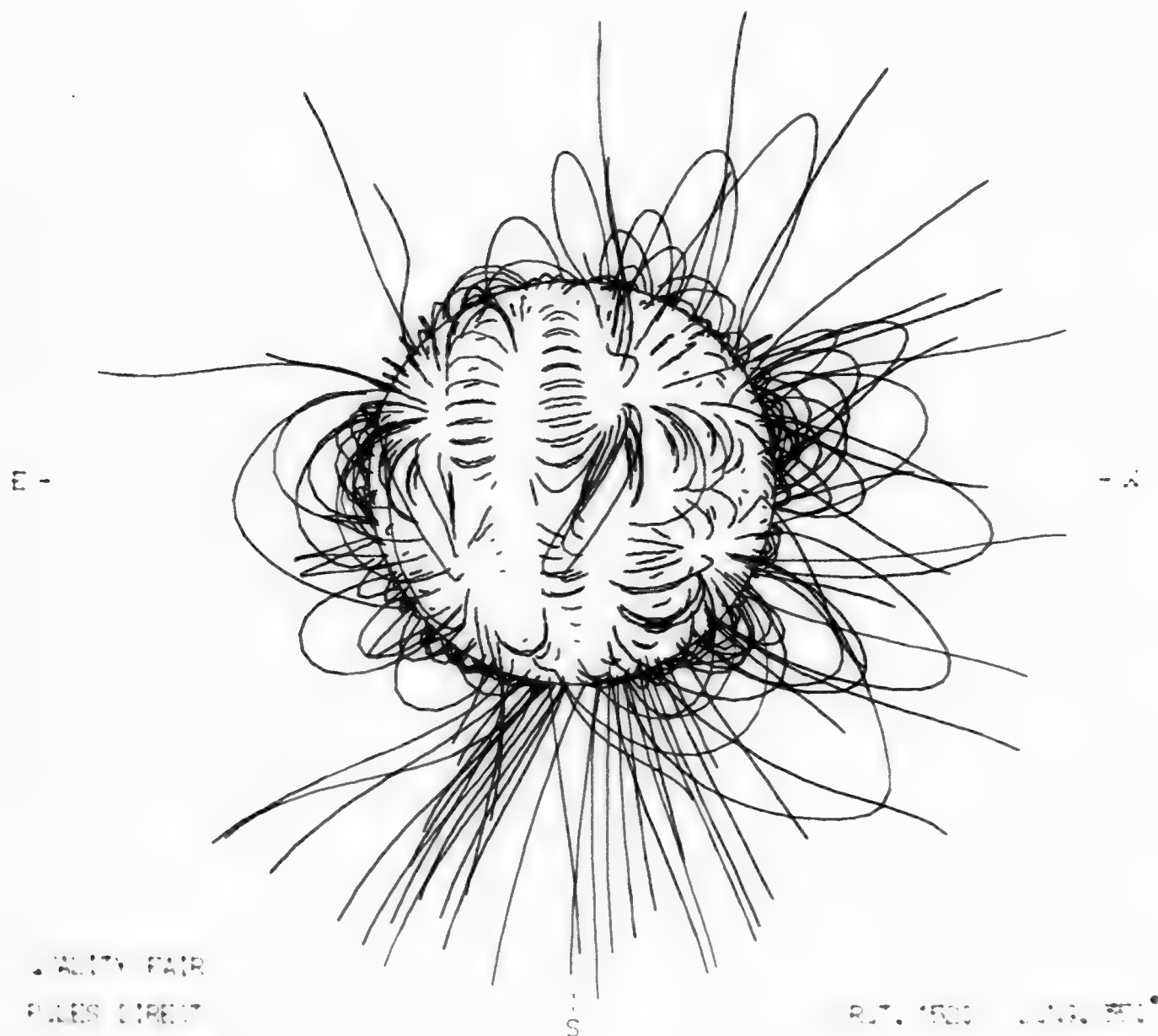
DATA WINDOW 1519.47

S

ROT. 15.4 200. 1.0

18.2 APP 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

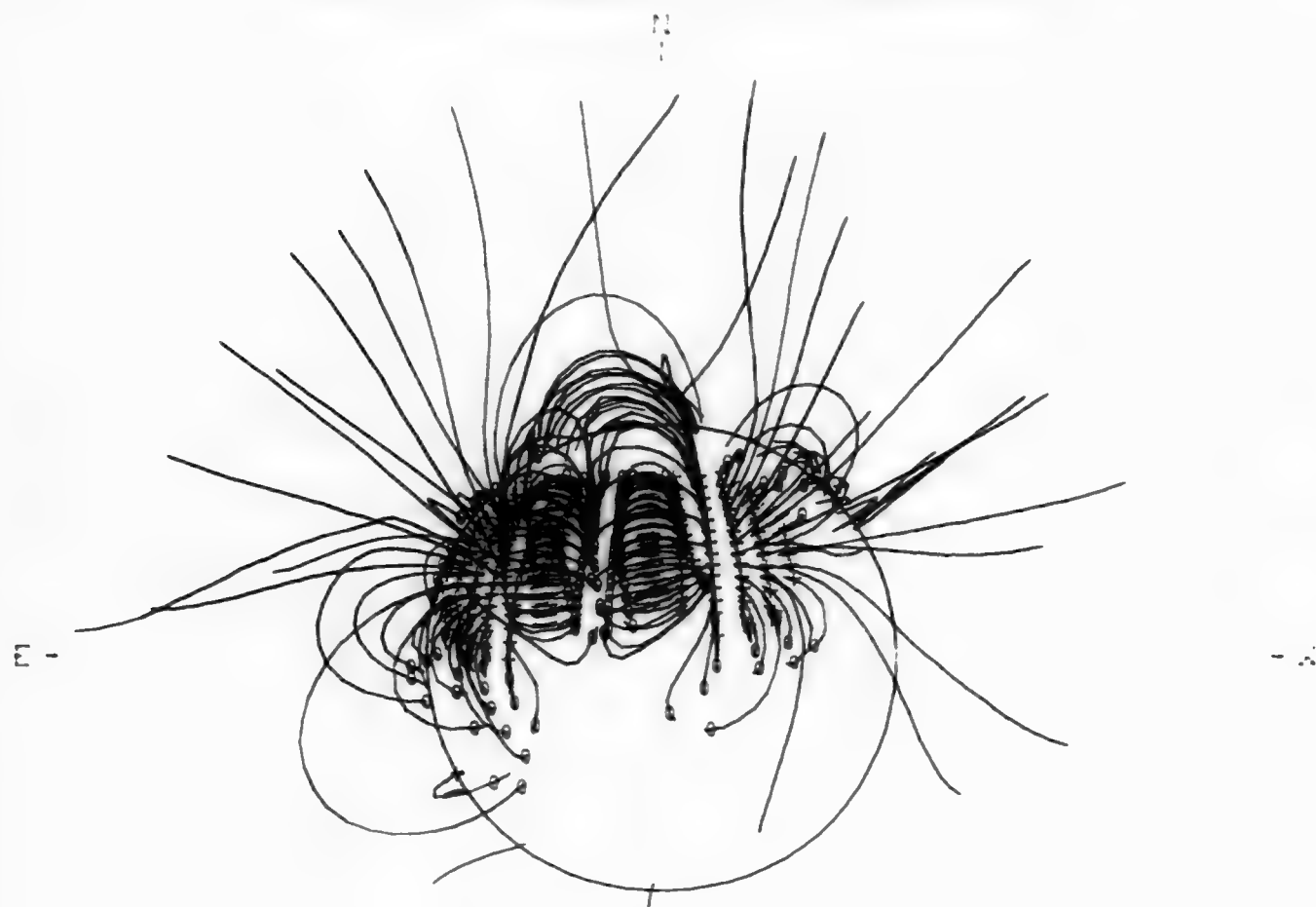
FILES DIRECT

DATA WIDE ON 1514.47

RUT. 1500 1113. 211

18.5 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

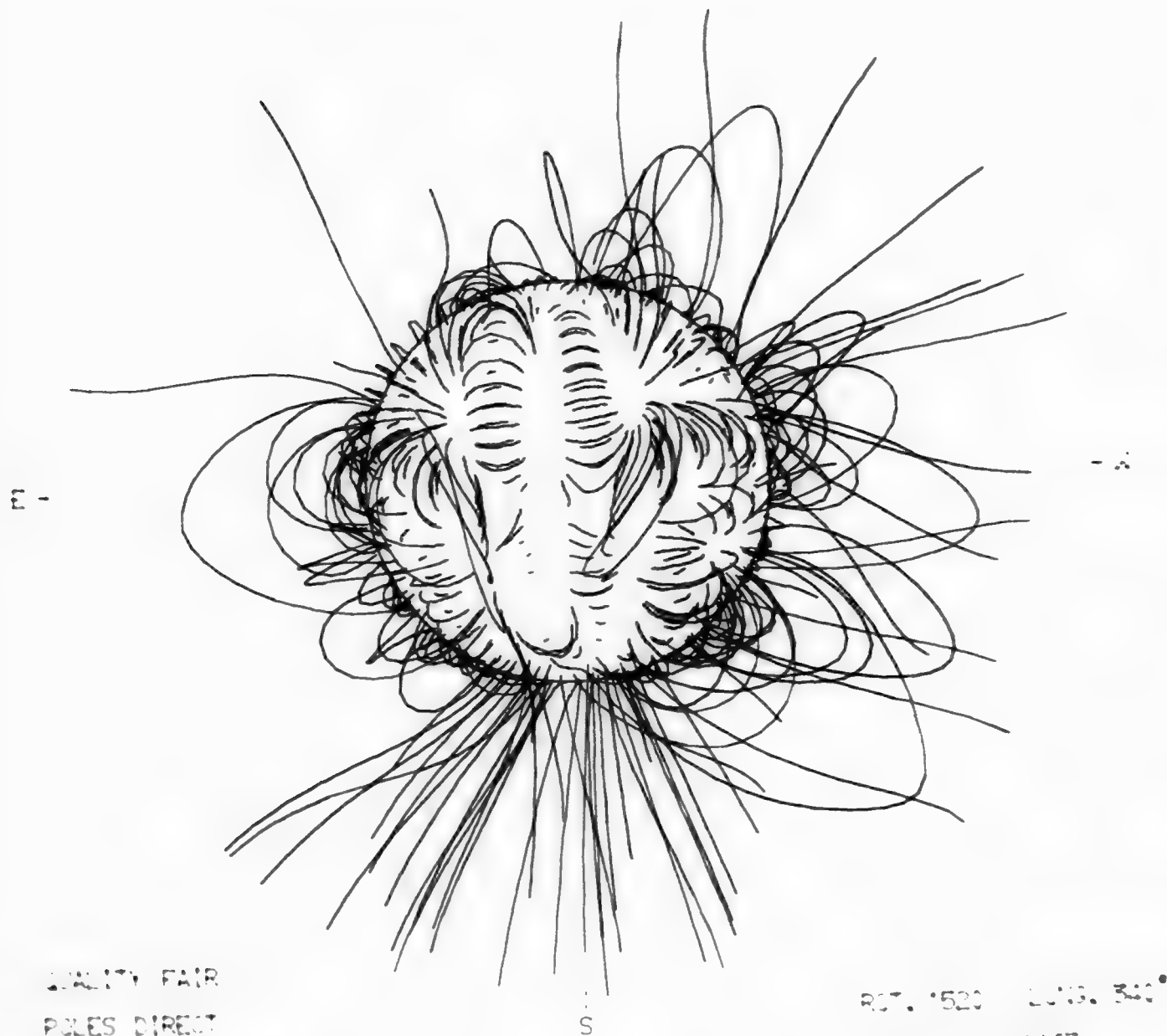
POLENT DIRECT

DATA APRIL 15/9.47

RUT. 1520 10.10. 350°

18.9 APR 1957

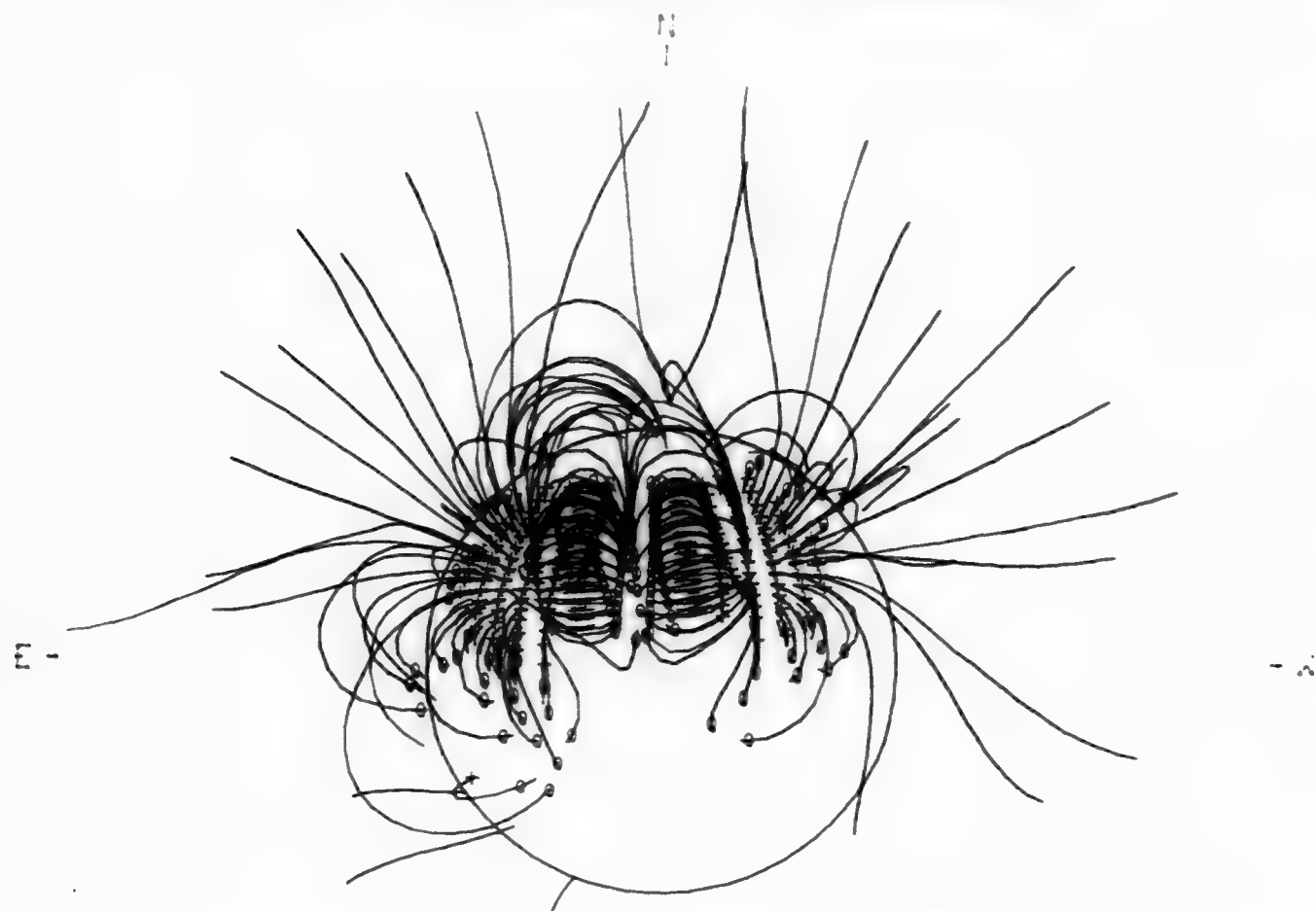
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1519.47

ROT. 520 2013. 340°
19.7 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLAR DIRECT

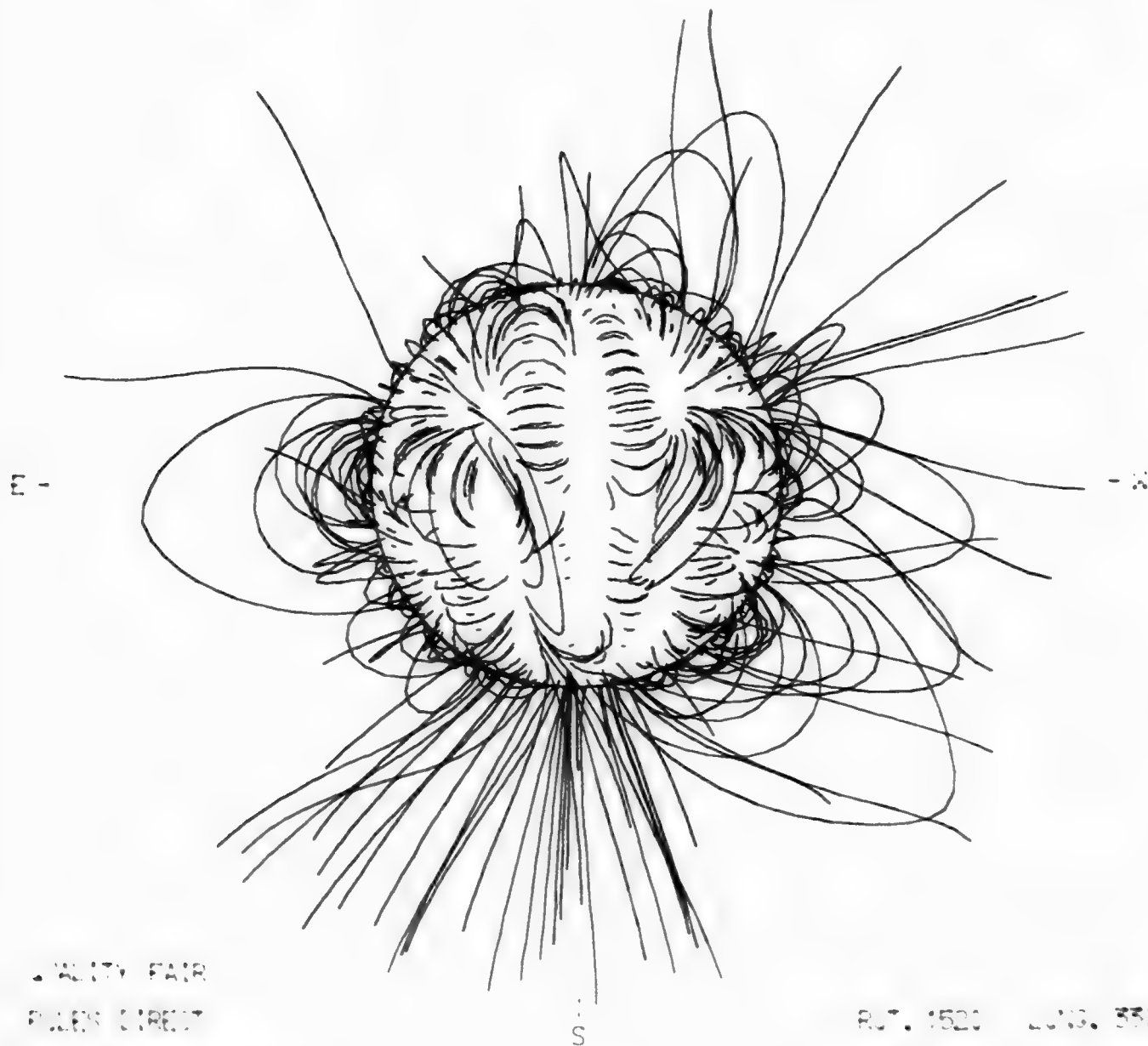
DATA WINDOW 1519.47

S

RET. 1520 1519.47

15.7 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

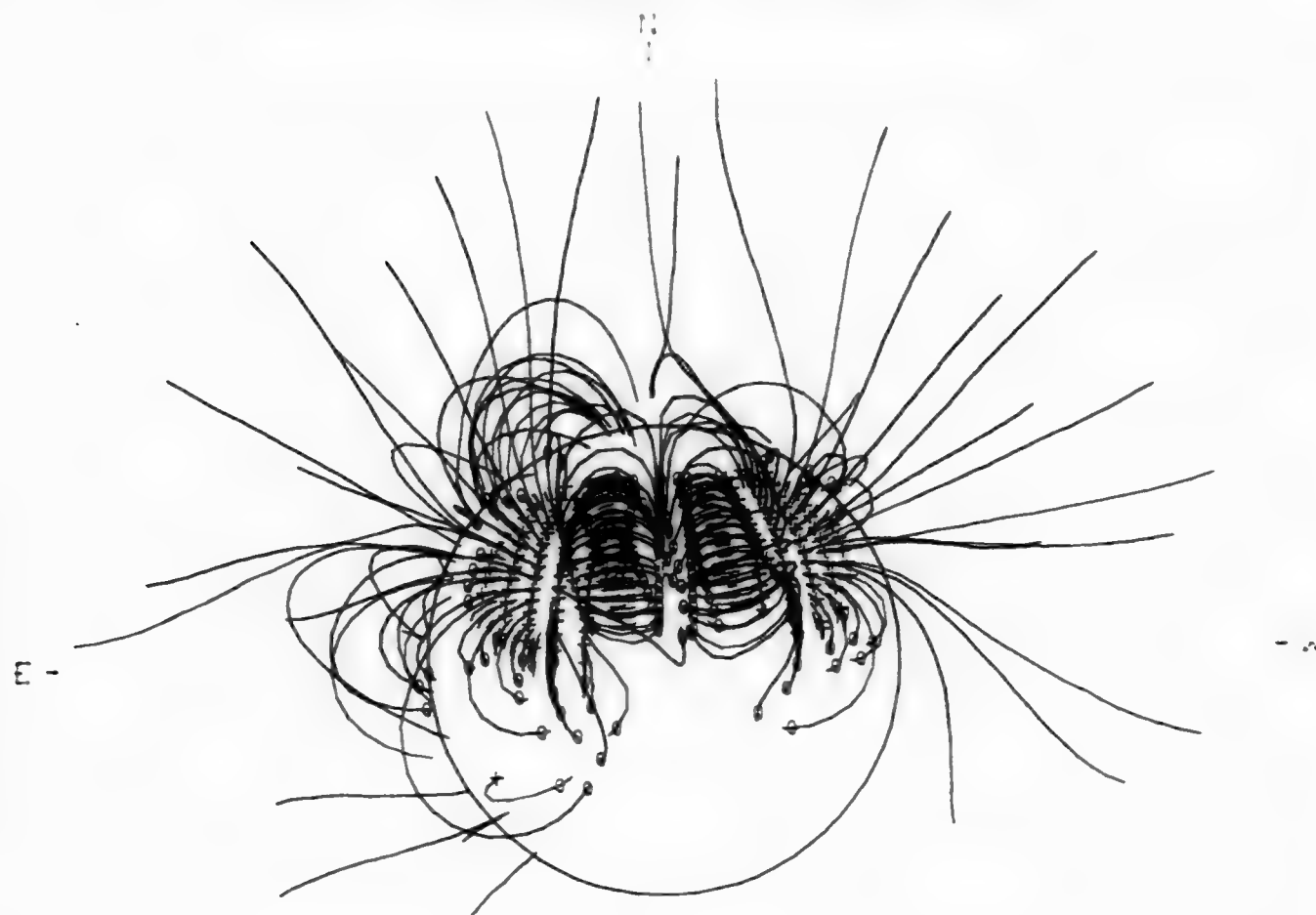
FILES DIRECT

DATA NUMBER 1519.47

RG. 1520 LONG. 531°

20.5 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

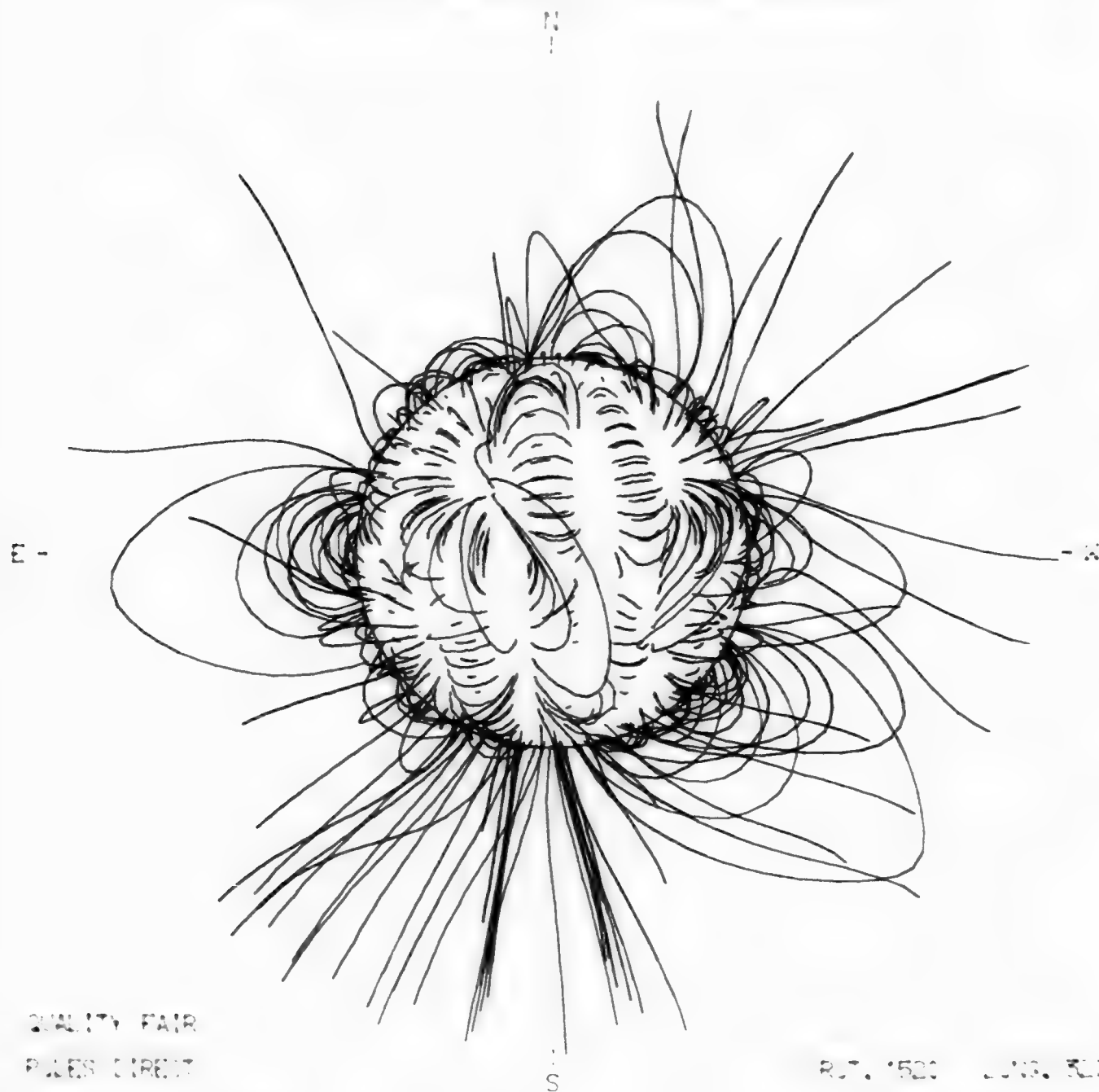
DATA WINDU 1519.47

S

R.T. 1500 2019.351

20.5 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

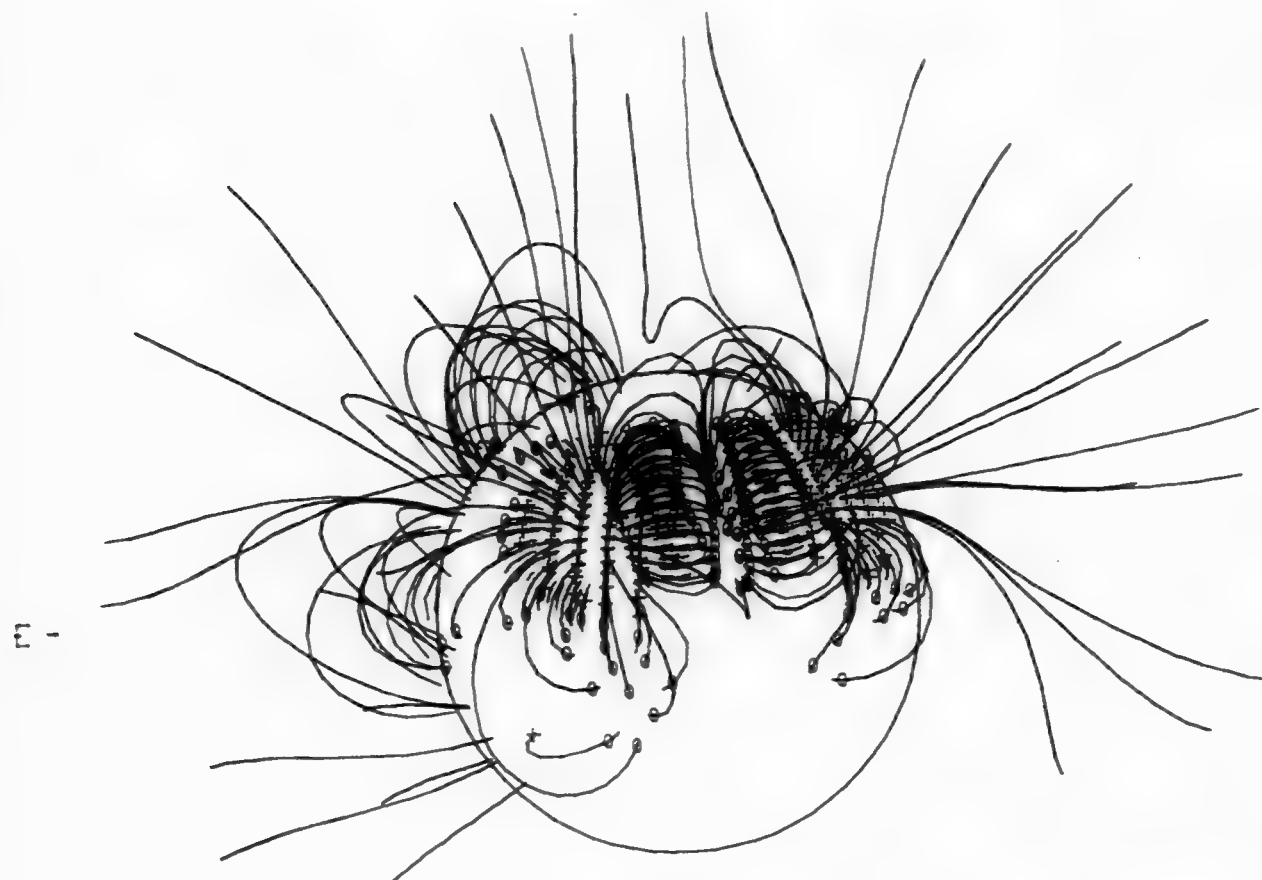
FILES DIRECT

CATA MINOR 1519.47

R.T. 1520 LONG. 301°

21.2 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

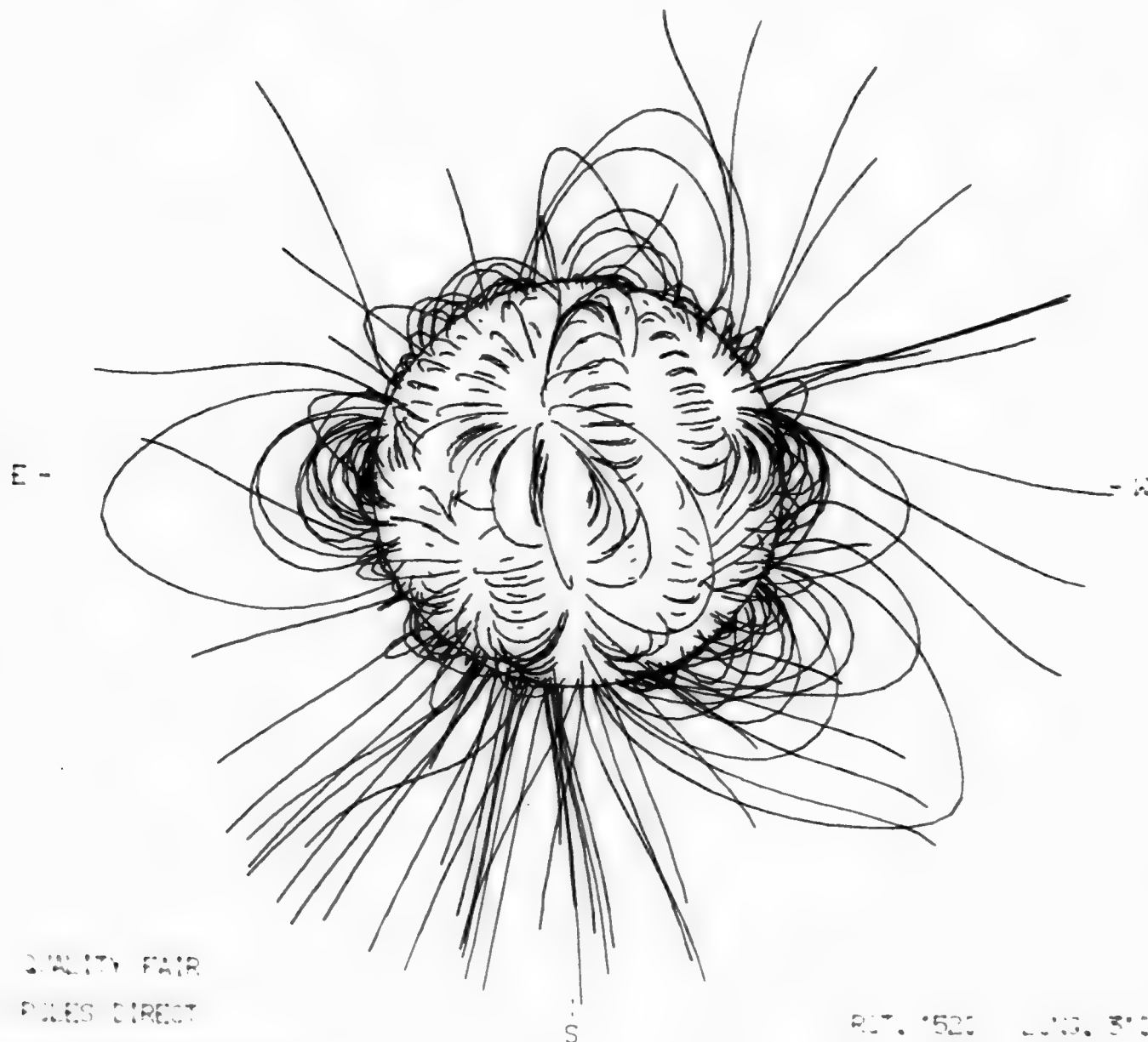
DATA WINDOW 1519.47

S

RCT. 1520 1010.300°

21.2 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

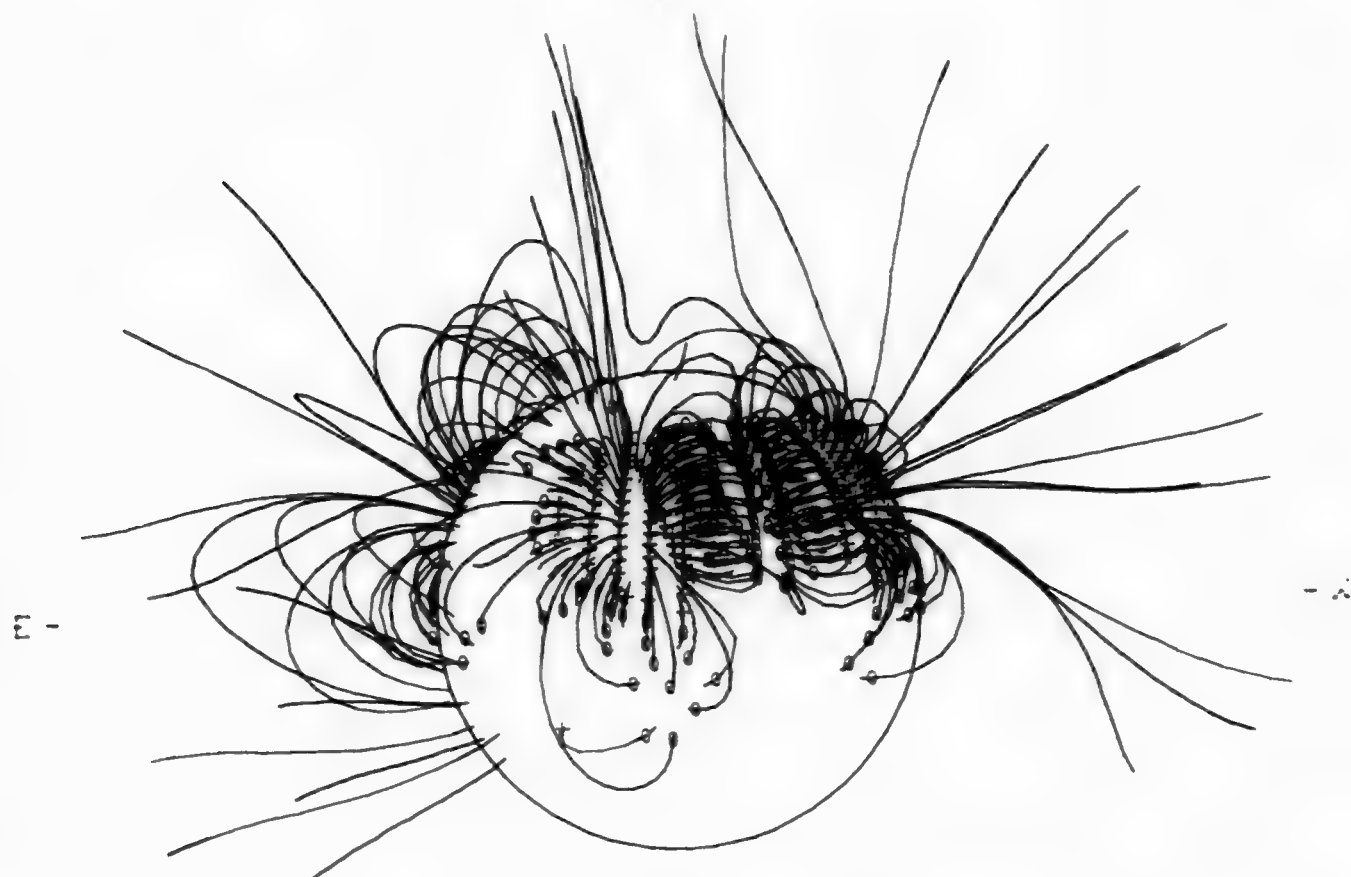
POLES DIRECT

DATA WIND ON 1519.47

RUT. '520 2013. 3'10"

22.0 APR '967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

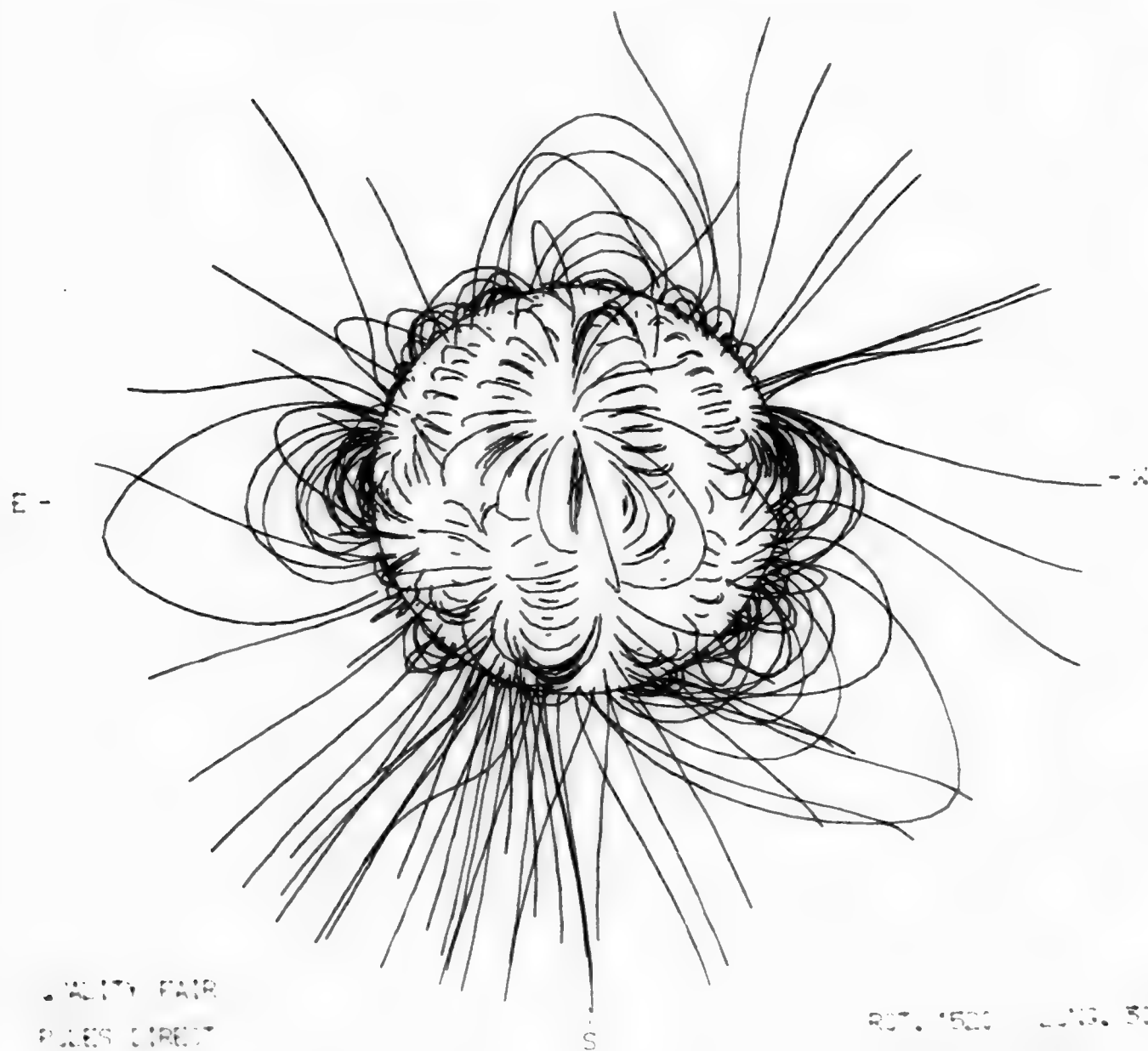
DATA WINDOW 1519.4"

S

ROT. 1500 LONG. 310°

DATE APR 1967

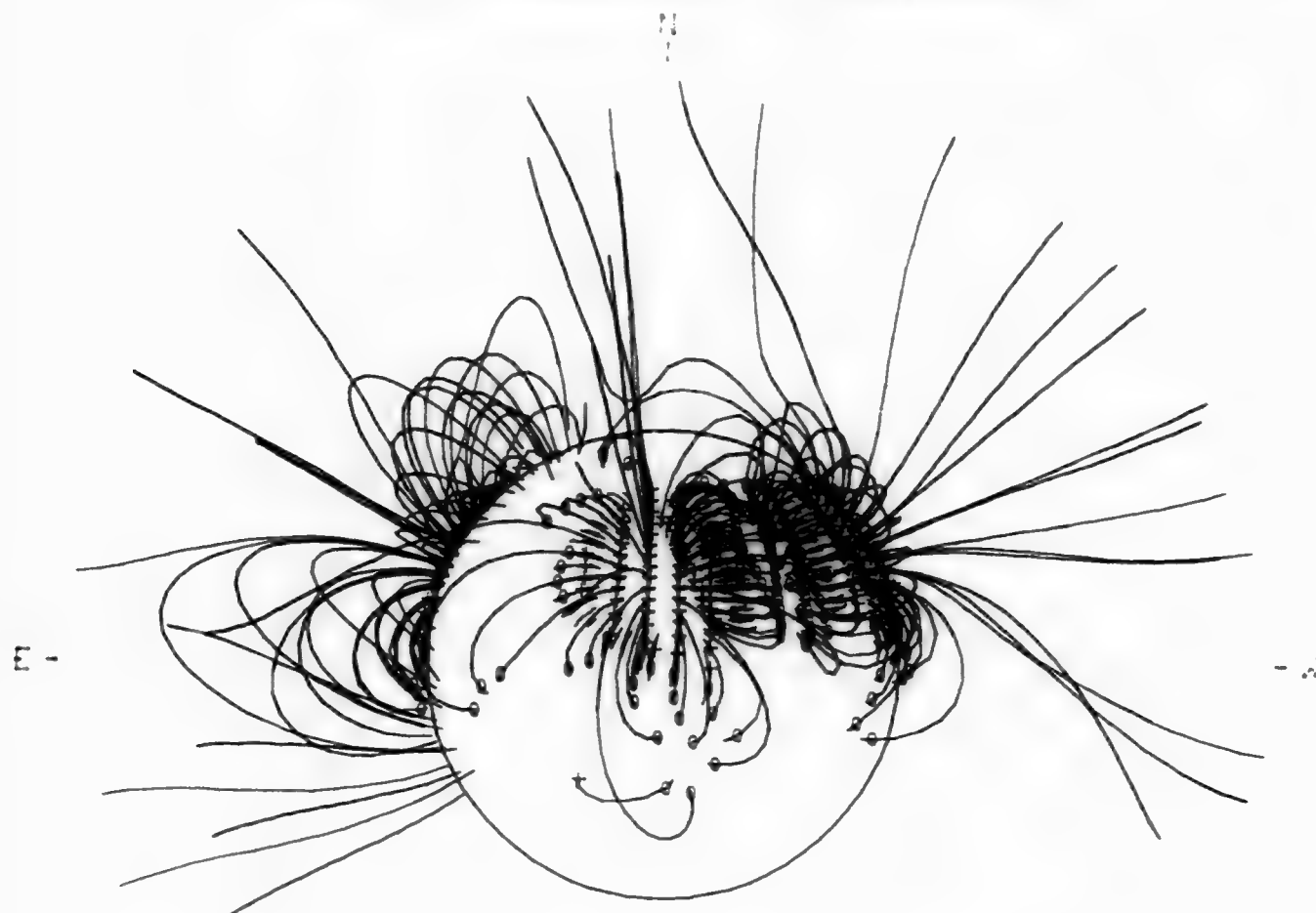
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
FILES DIRECT
DATA WINDOW 1519.47

ROT. 1520 LONG. 310°
22.7 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

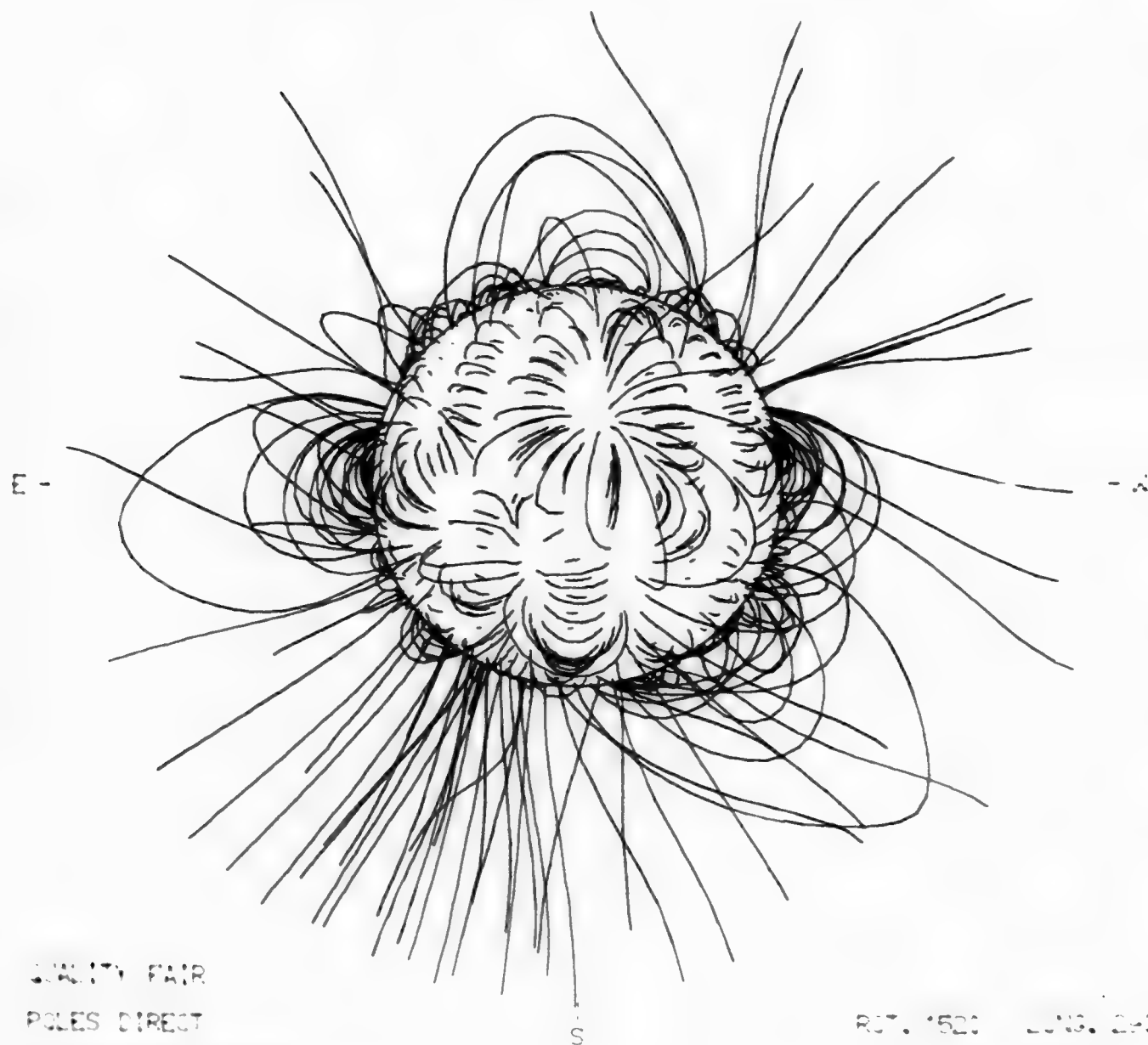
DATA WIND ON 1510.47

1
S

RUT. 1520 1010.300°

22.7 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



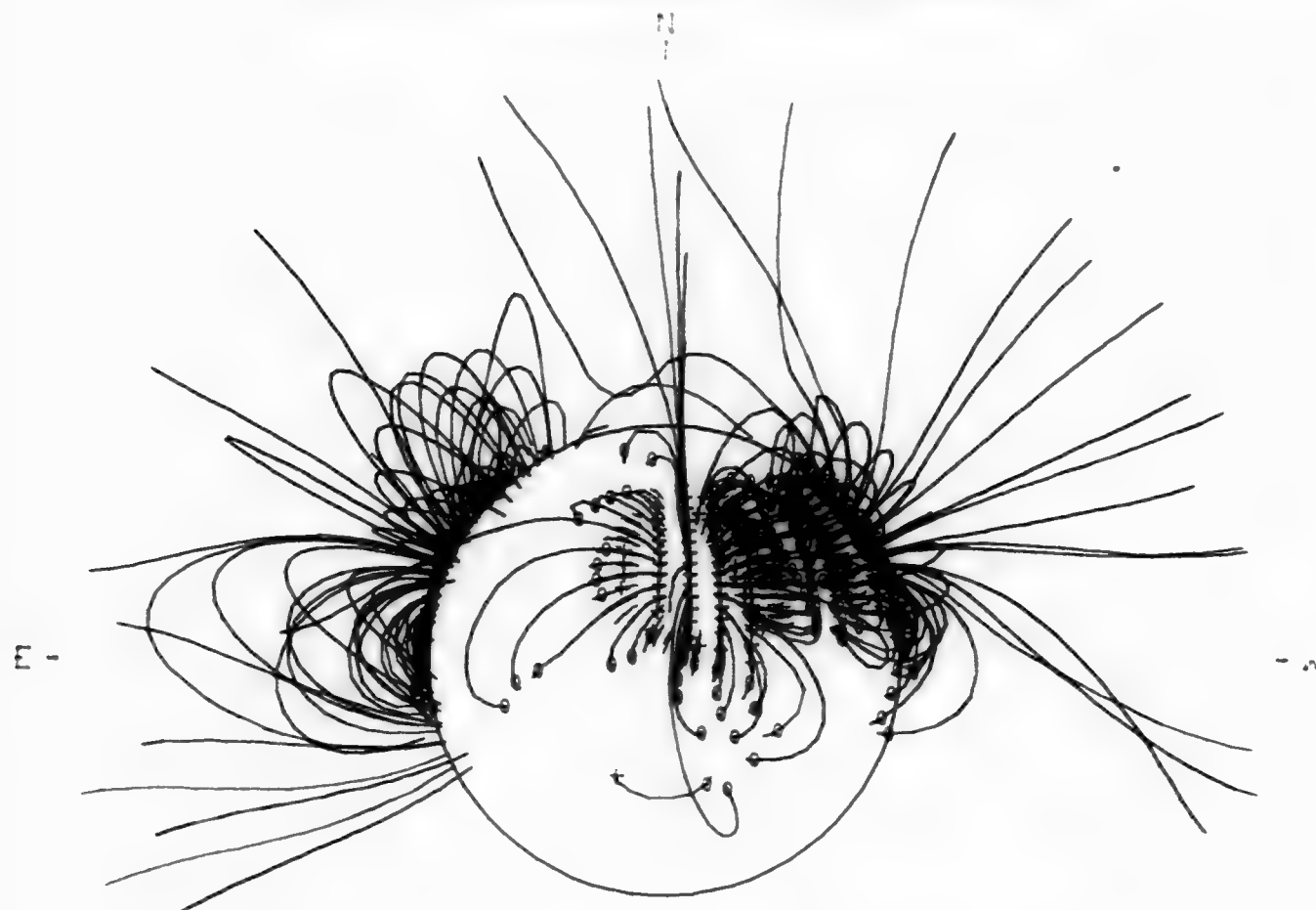
QUALITY FAIR

POLES DIRECT

DATA WINDOW 1519.47

ROT. 1520 LONG. 240°
23.5 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

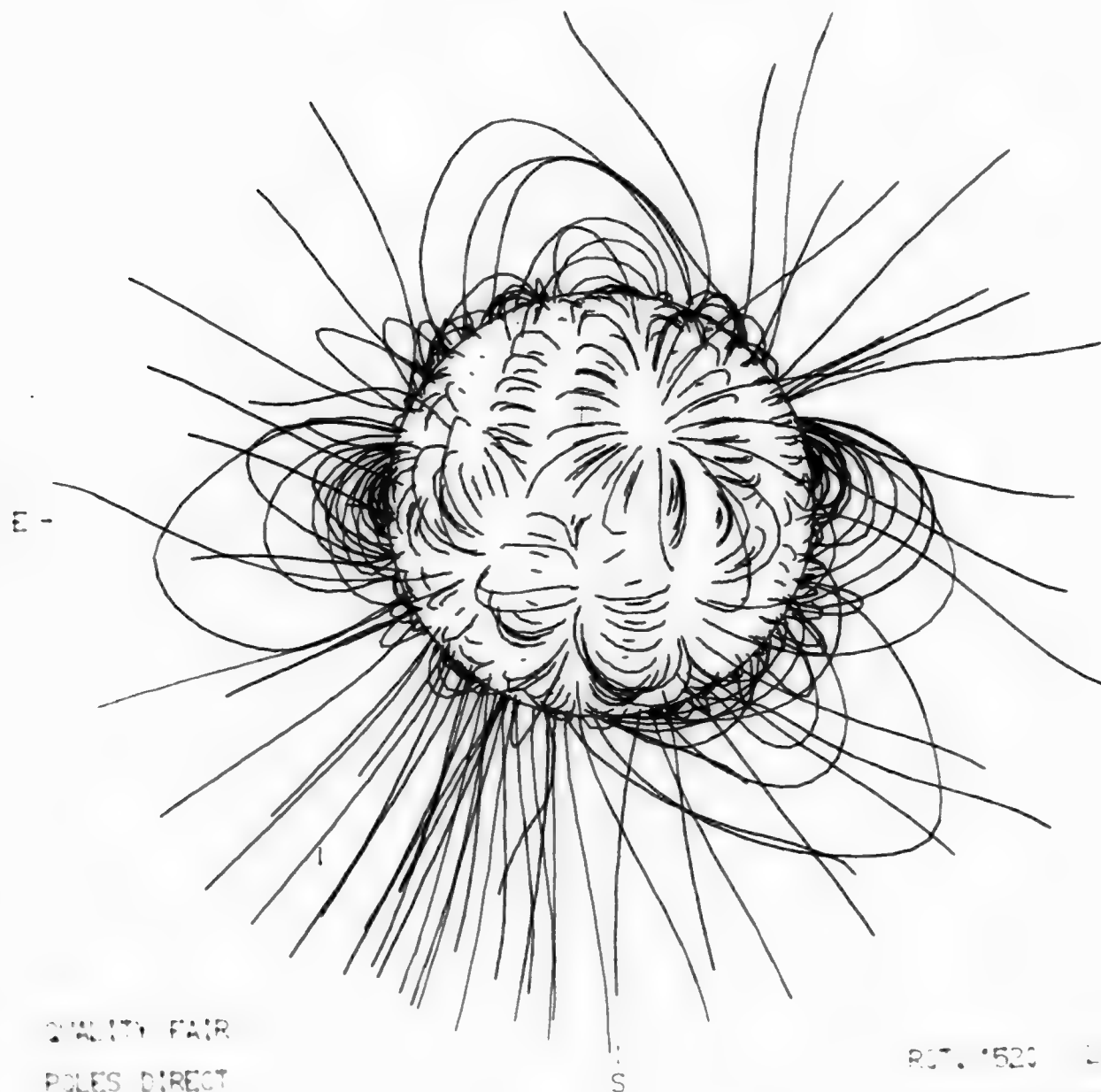
DATA WINDOW 1519.47

S

ROT. 1520 LONG. 124°

23.5 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

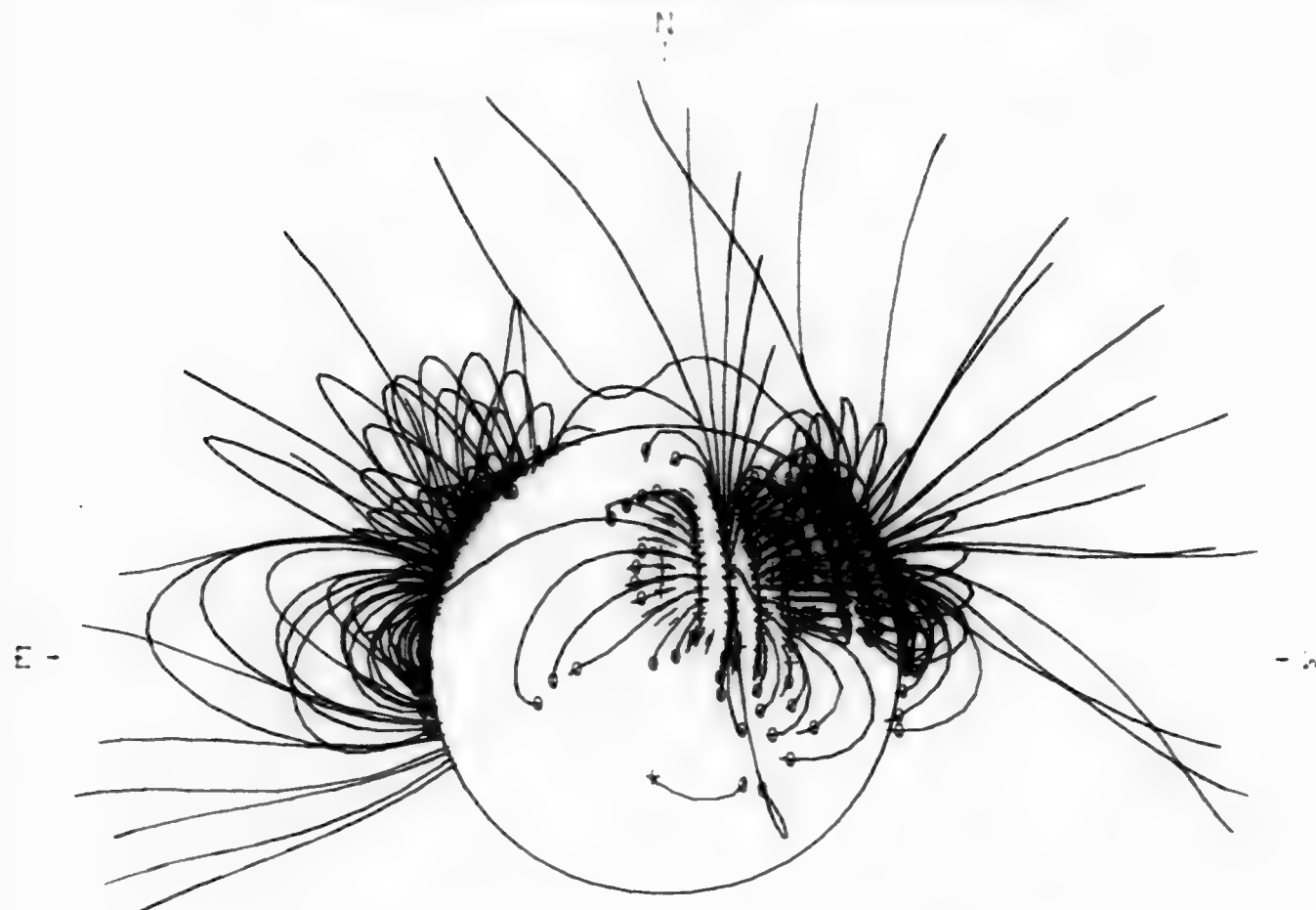
POLES DIRECT

DATA WINDOW 1510.47

RUT. 1520 LONG. 281°

24.3 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

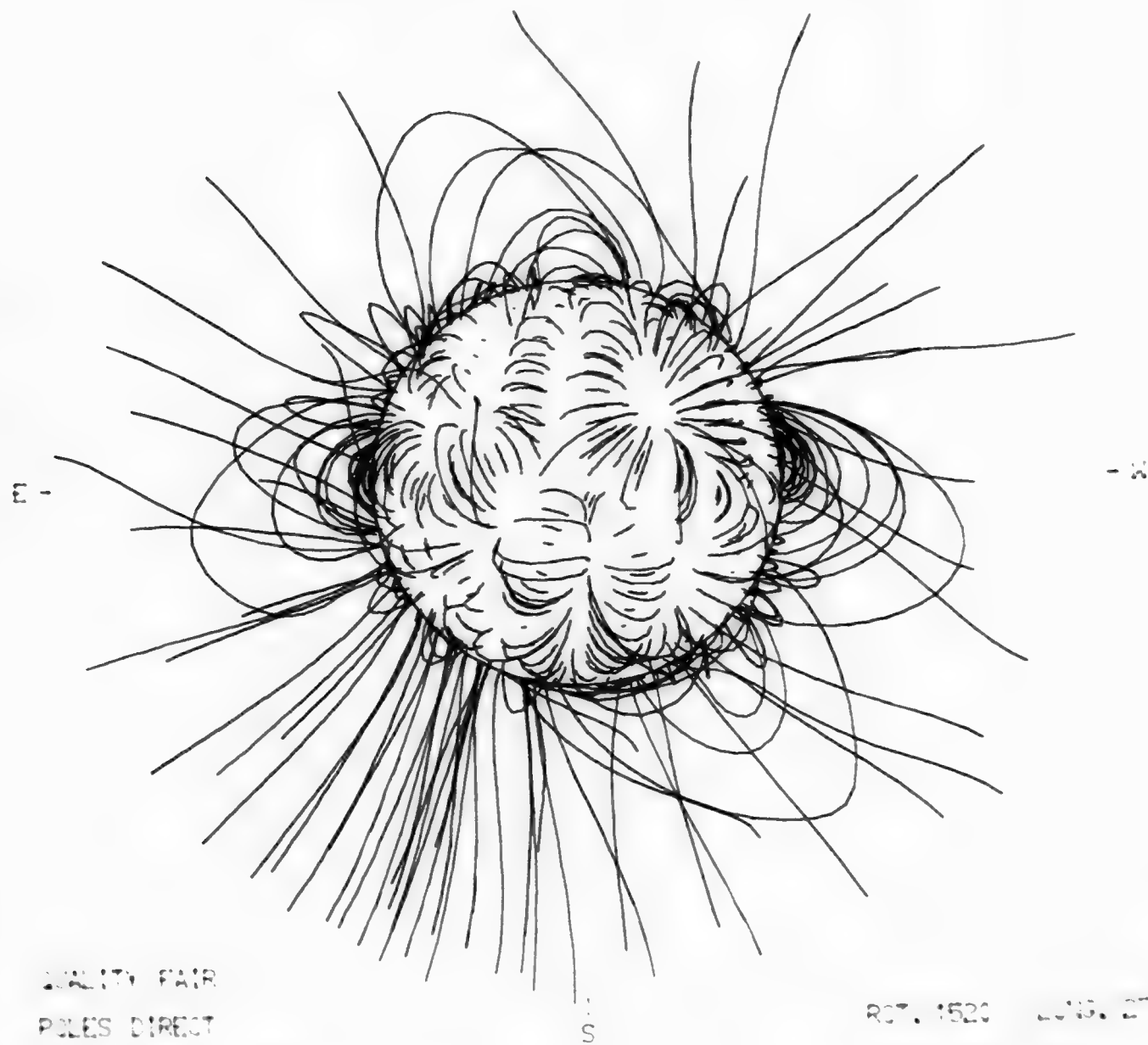
DATA WIND ON 1514.57

S

ROT. 1520 11.11.201

24.3 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



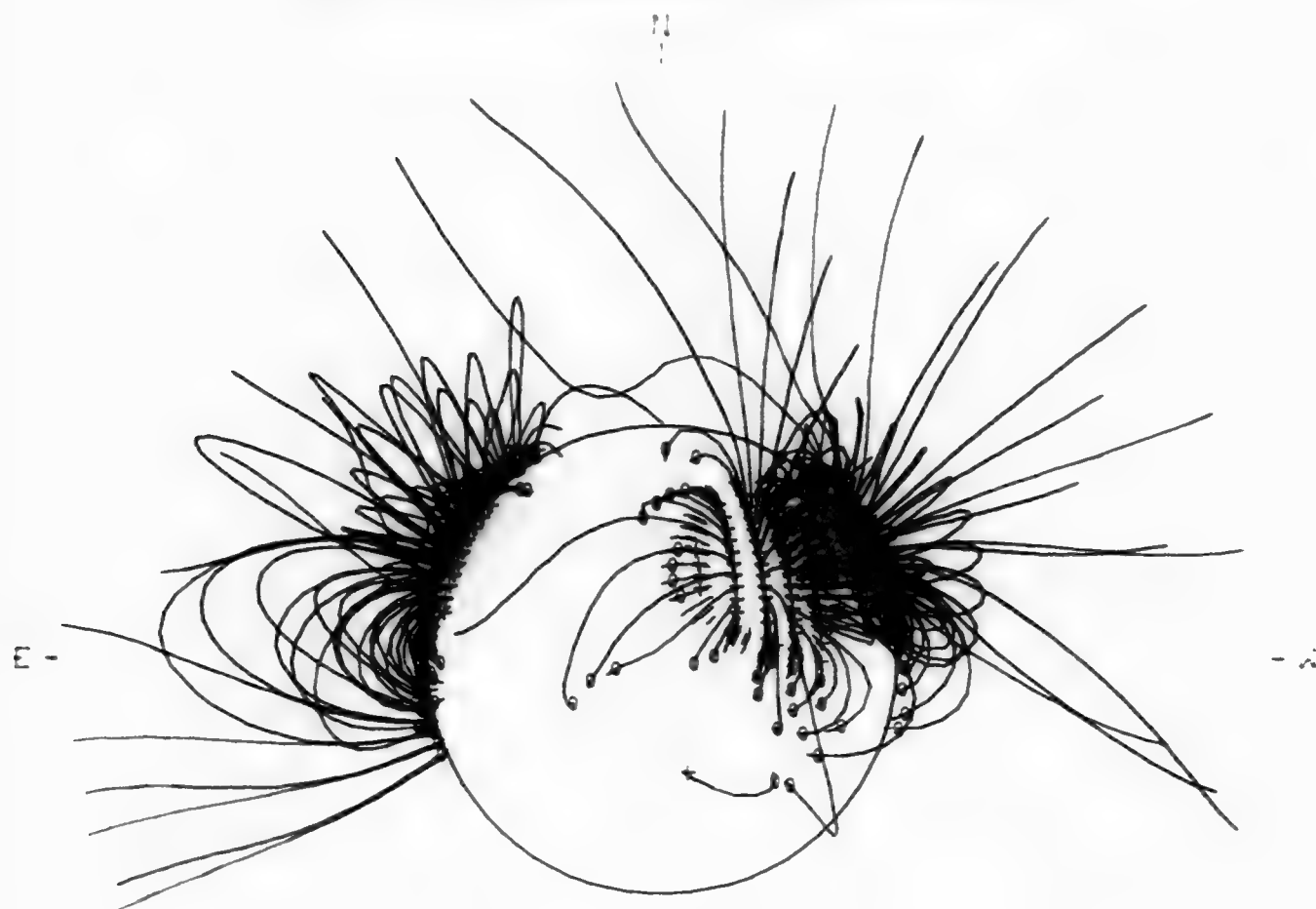
QUALITY FAIR

POLES DIRECT

DATA WINDOW 1519.47

ROT. 1520 LONG. 271°
25.0 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

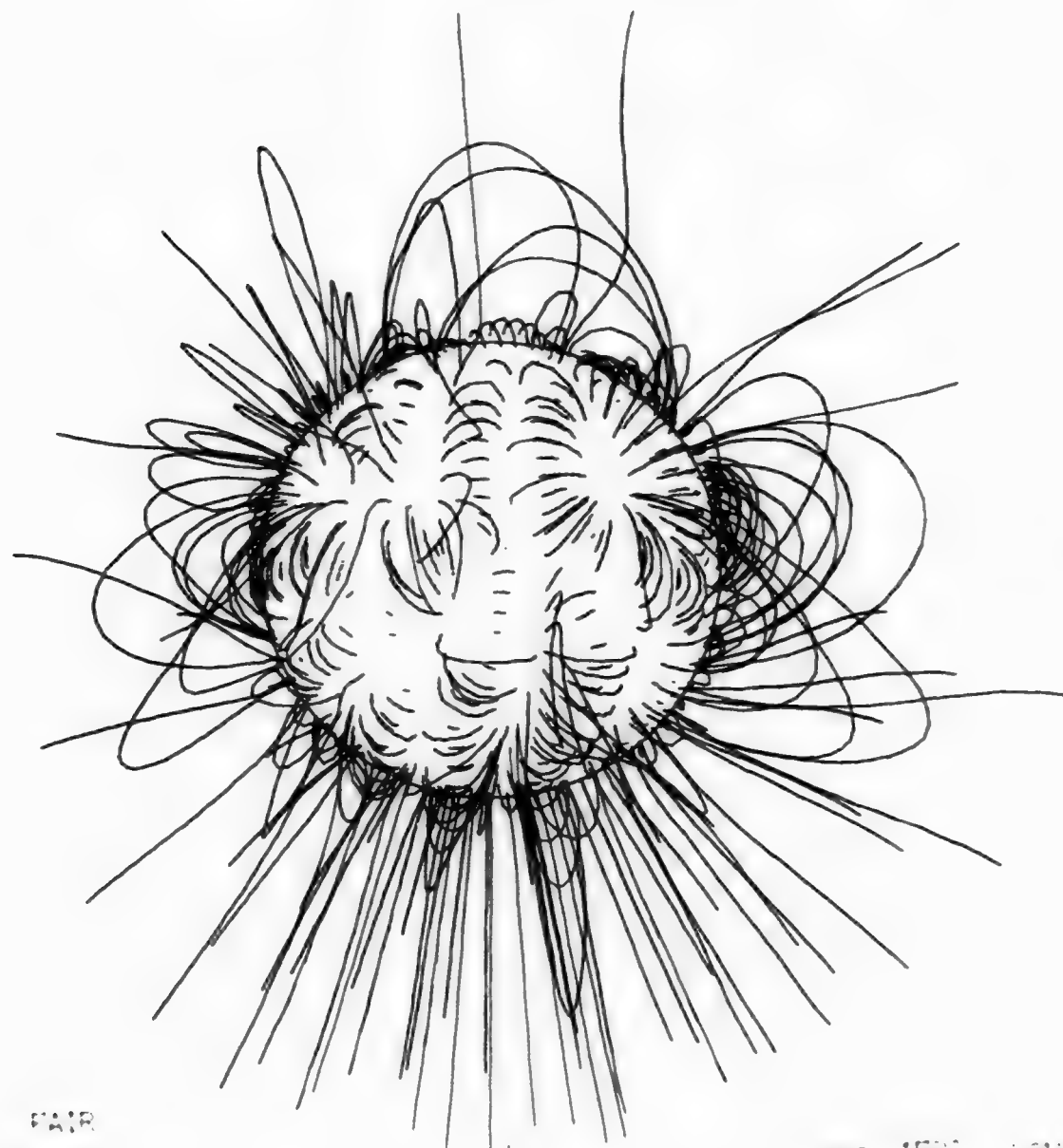
DATA NUMBER 1519.47

S

RJT. 1520 LONG. 271°

25.0 APR 1967

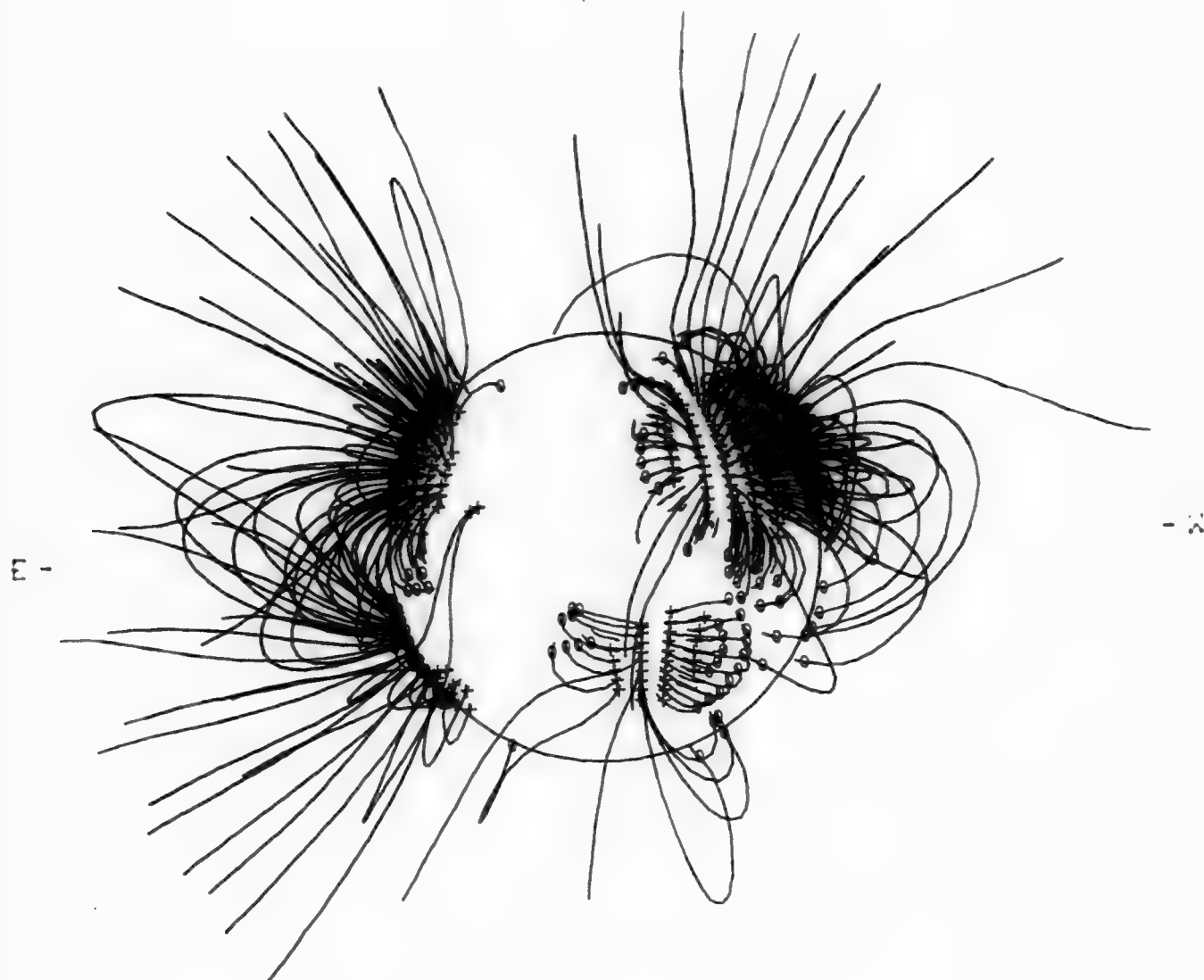
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 RULES DIRECT
 DATA WINDOW 1500.00

RUT. 1500 1010. 250
 25.8 APR 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

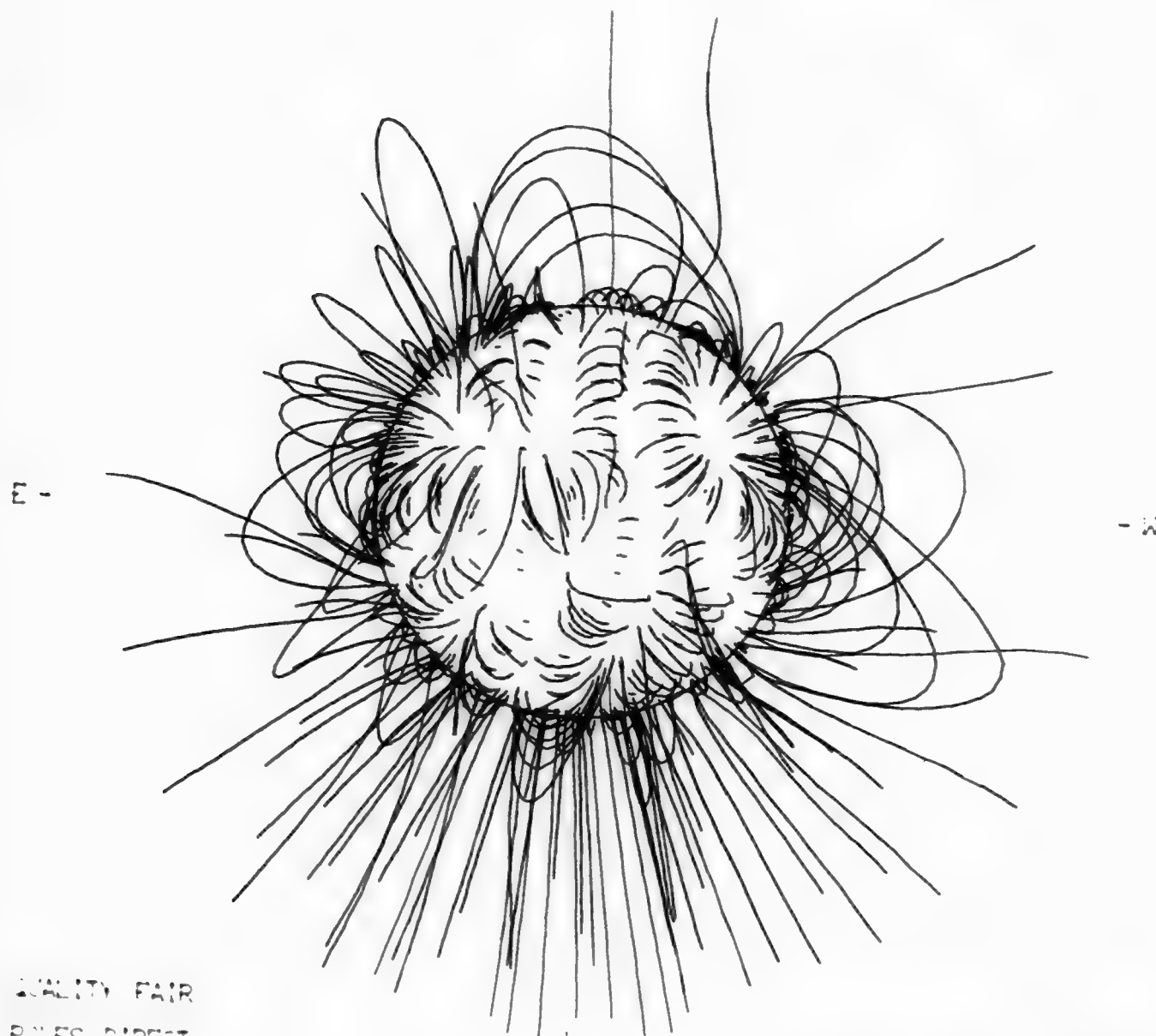


QUALITY FAIR
POLES DIRECT
DATA WINDOW 1520.00

I
S

ROT. 1520 LONG. 260°
25.8 APR 1967

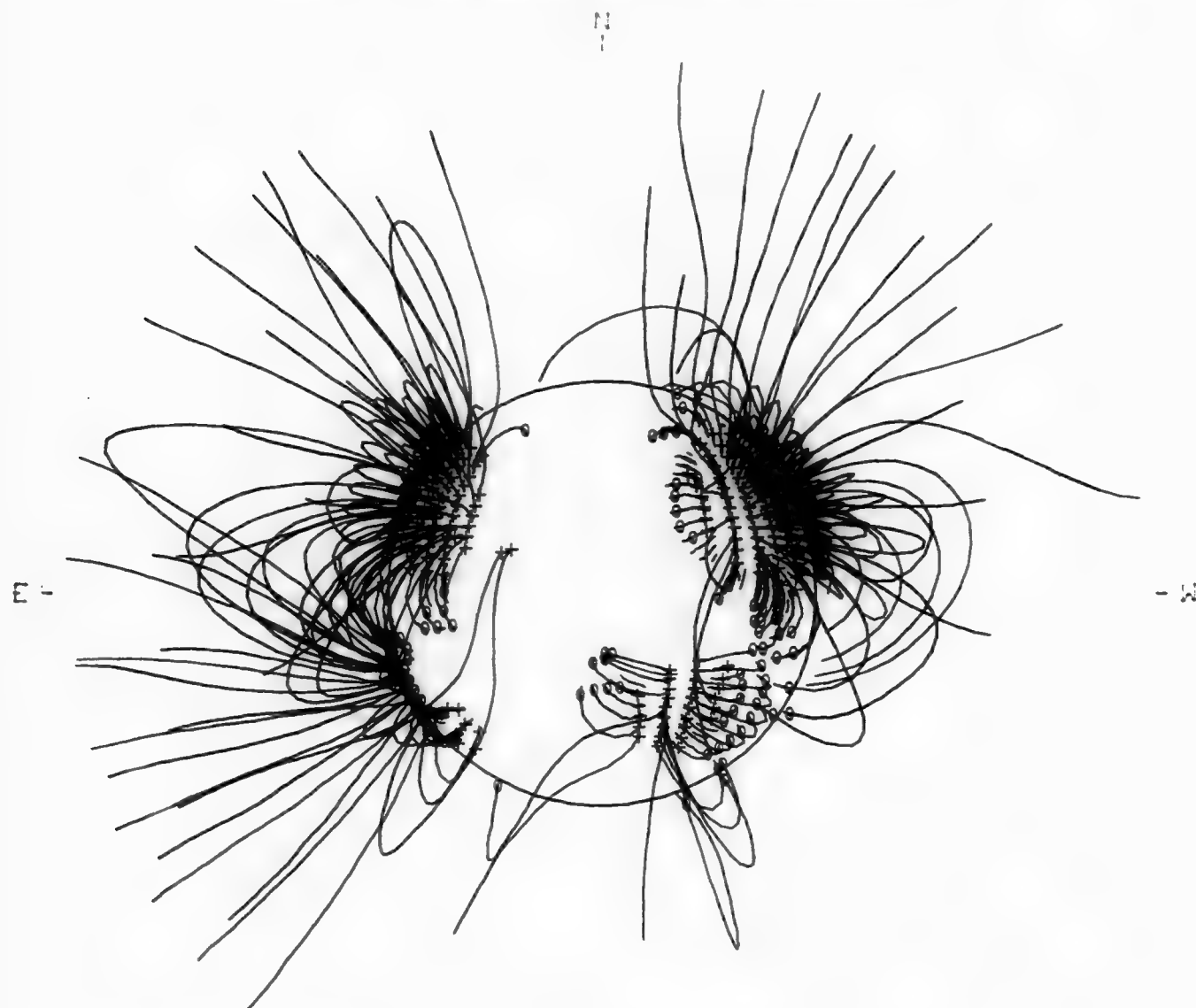
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1520.00

ROT. 1520 LONG. 25°
26.5 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

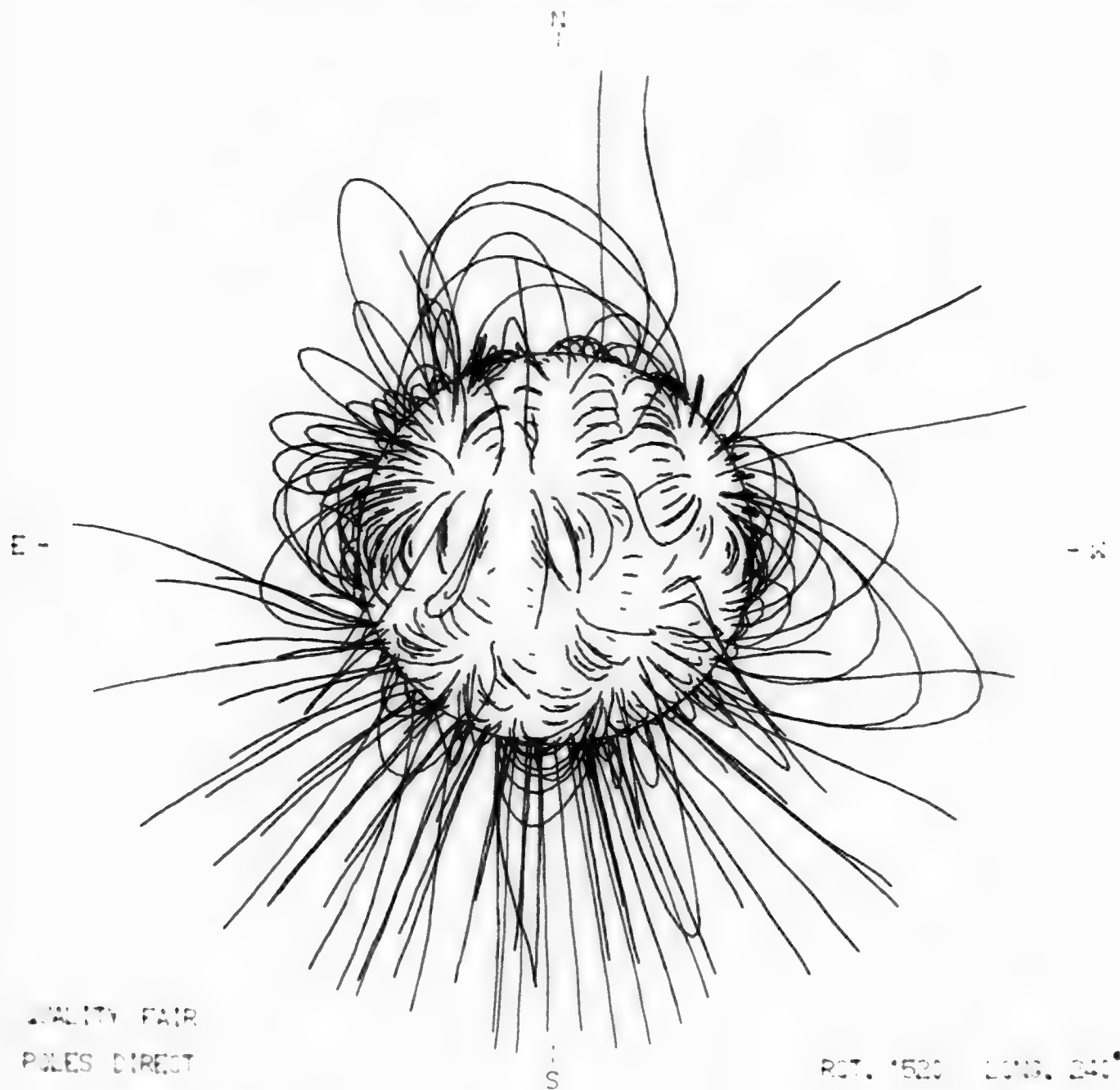
DATA WINDOW 1520.00

S

ROT. 1520 LONG. 250°

26.5 APR 1967

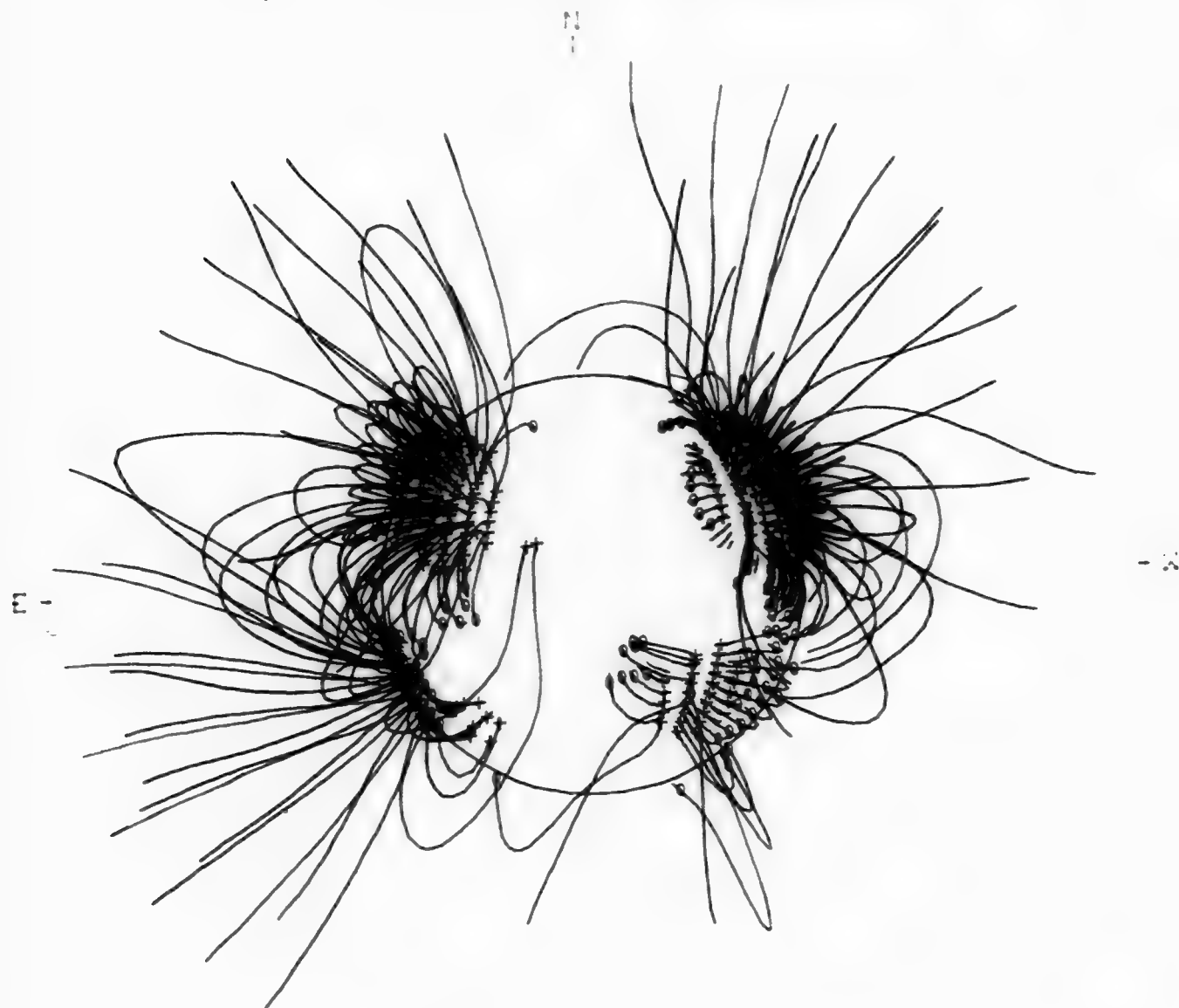
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 POLES DIRECT
 DATA WINDOW 1520.00

RCT. 1520 LONG. 241°
 27.3 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

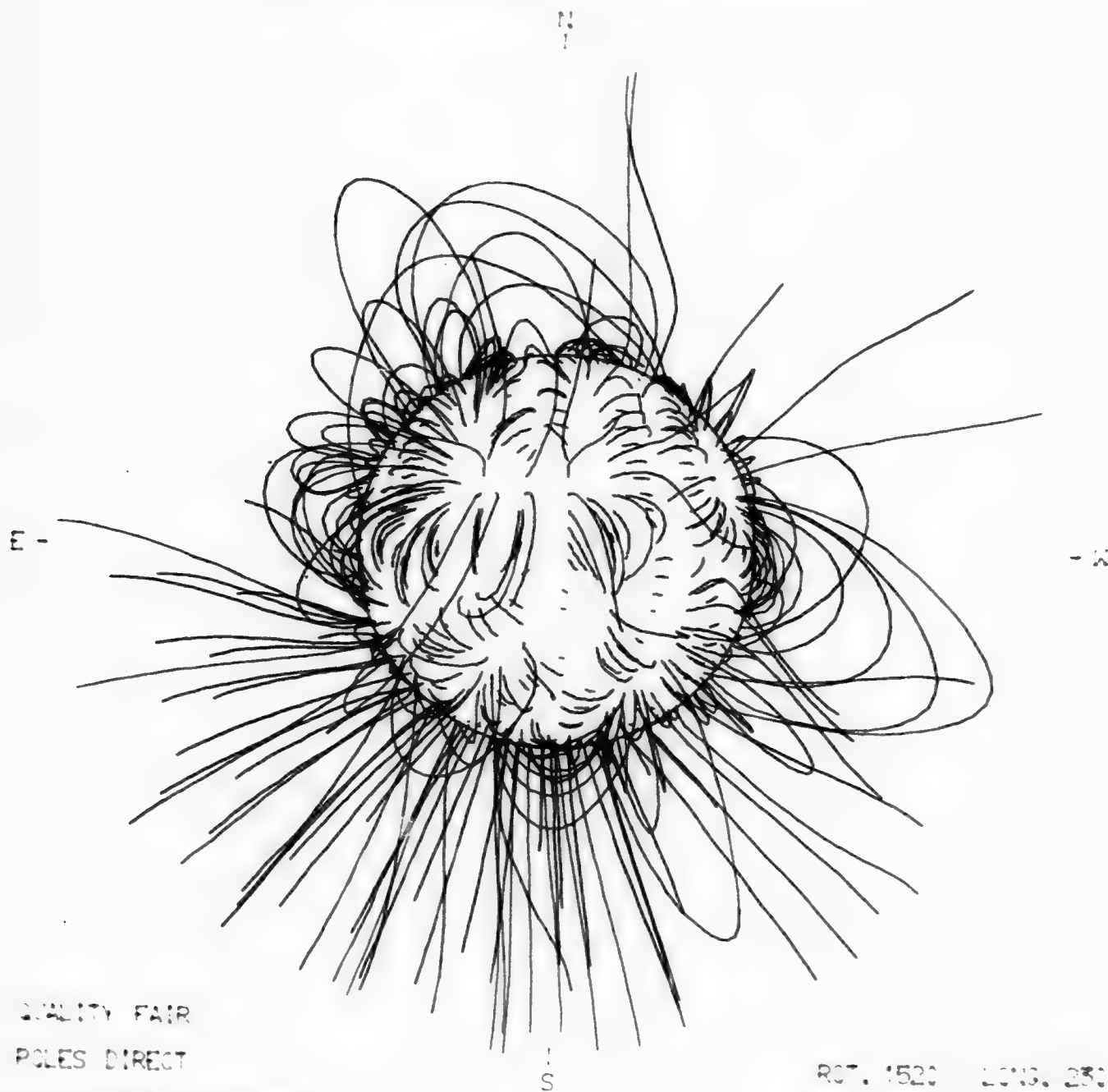


QUALITY FAIR
 POLES DIRECT
 DATA WINDOW 1520.00

1
 S

RUT. 1520 LONG. 241°
 27.3 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



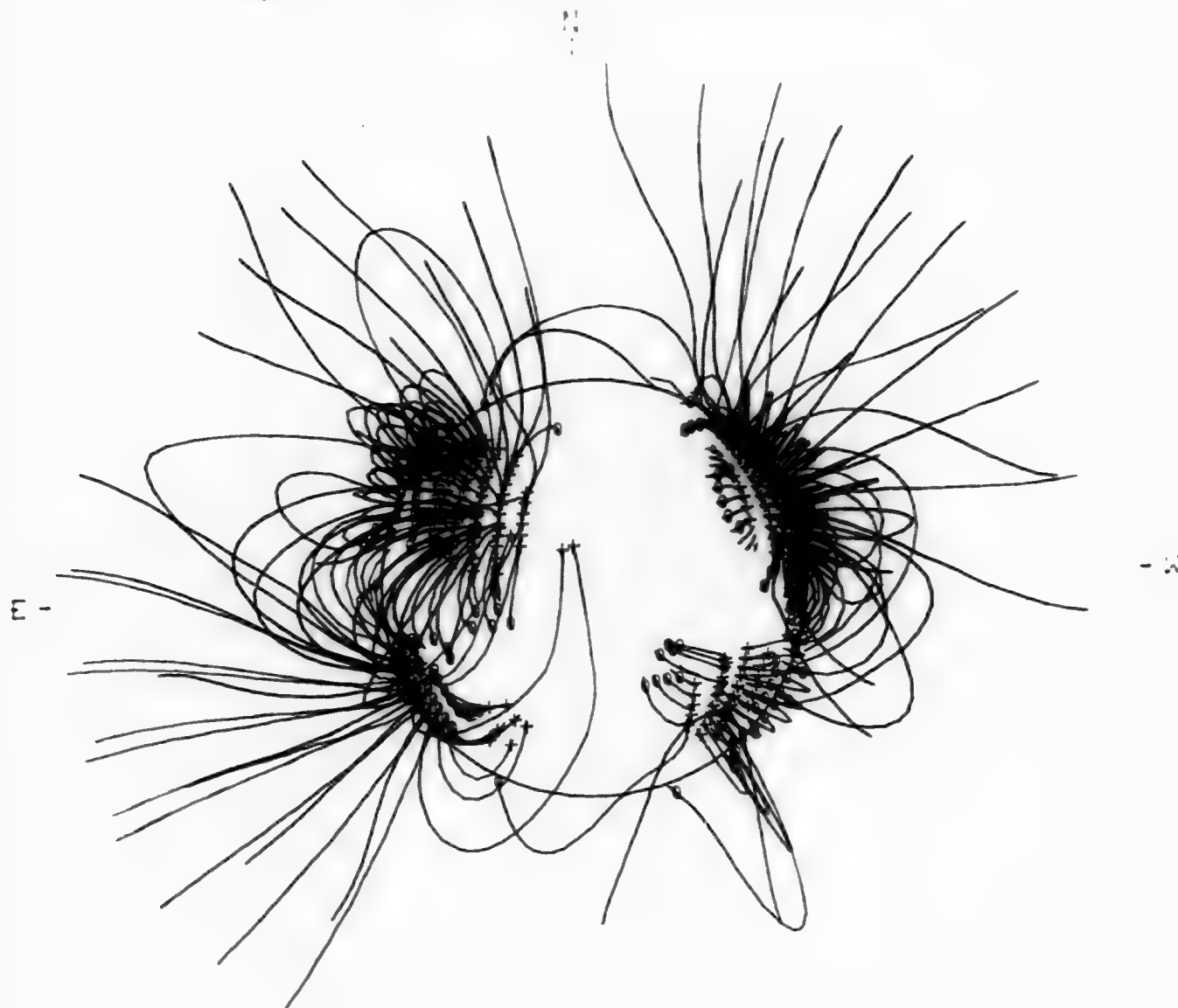
QUALITY FAIR

POLES DIRECT

DATA WINDOW 1520.00

ROT. 1520 LONG. 230°
28.0 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

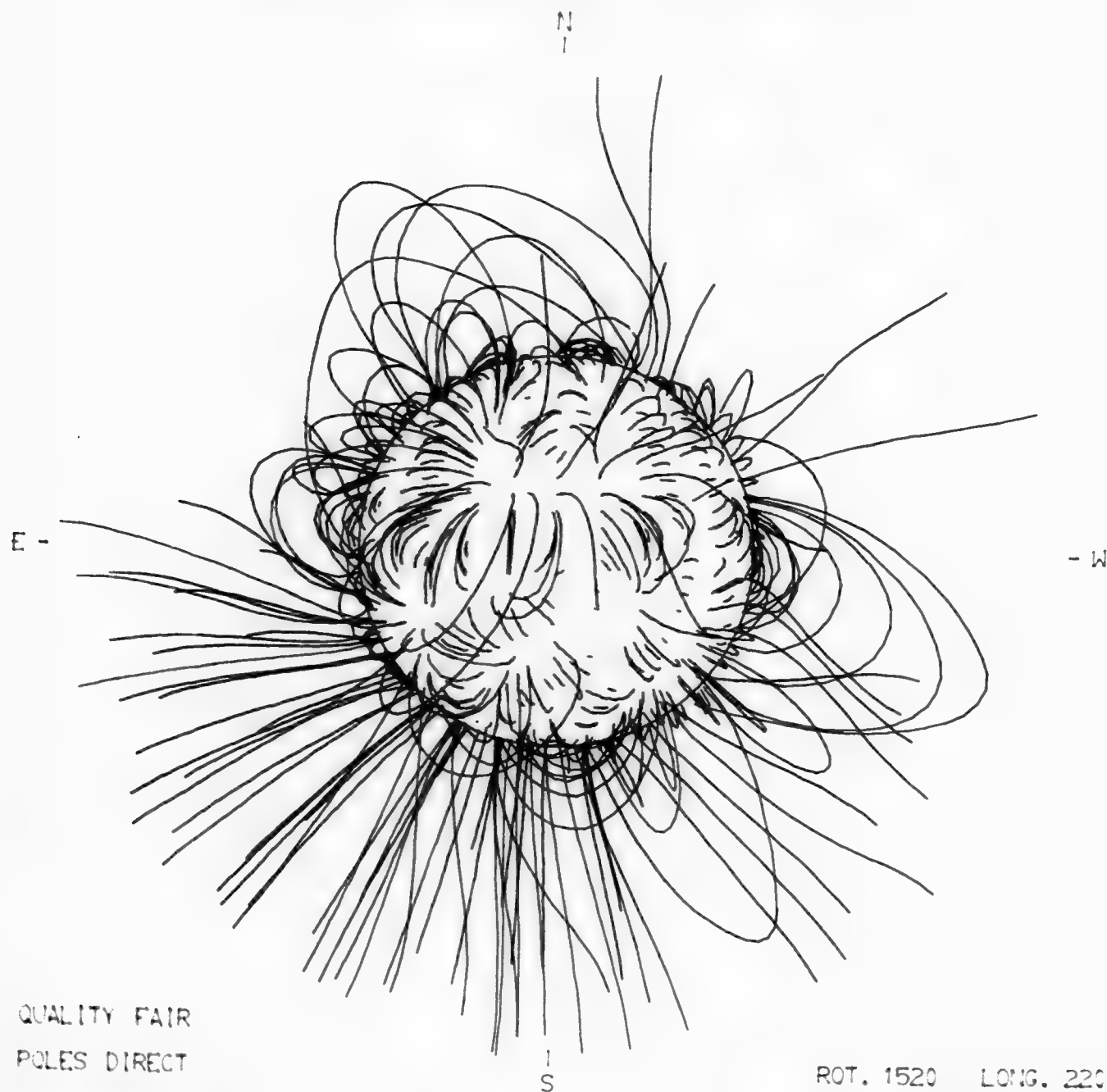
POLES DIRECT

DATA WINDOW 1520.00

1
S

RCT. 1520 LONG. 250°
28.0 APR 1967

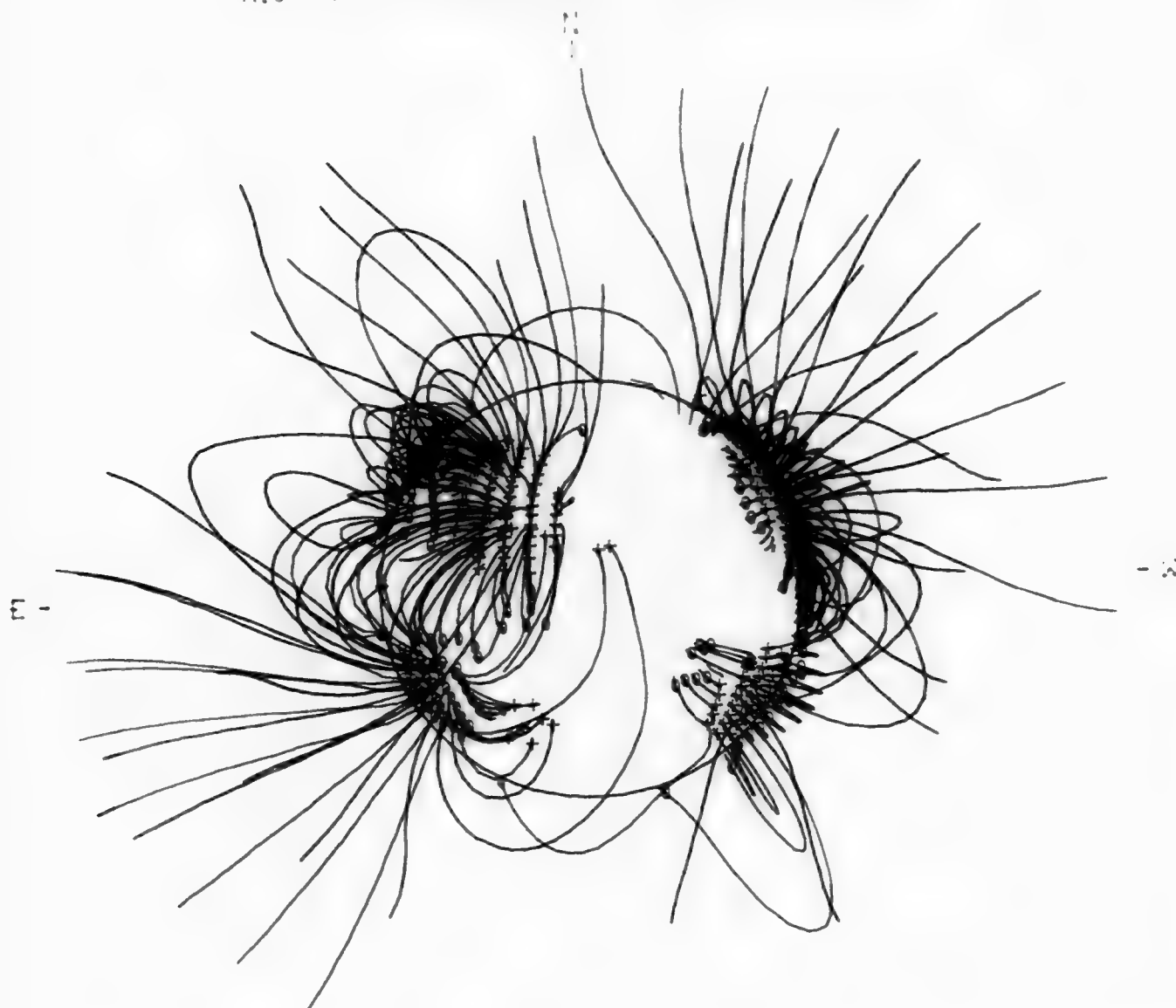
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1520.00

ROT. 1520 LONG. 220°
28.8 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

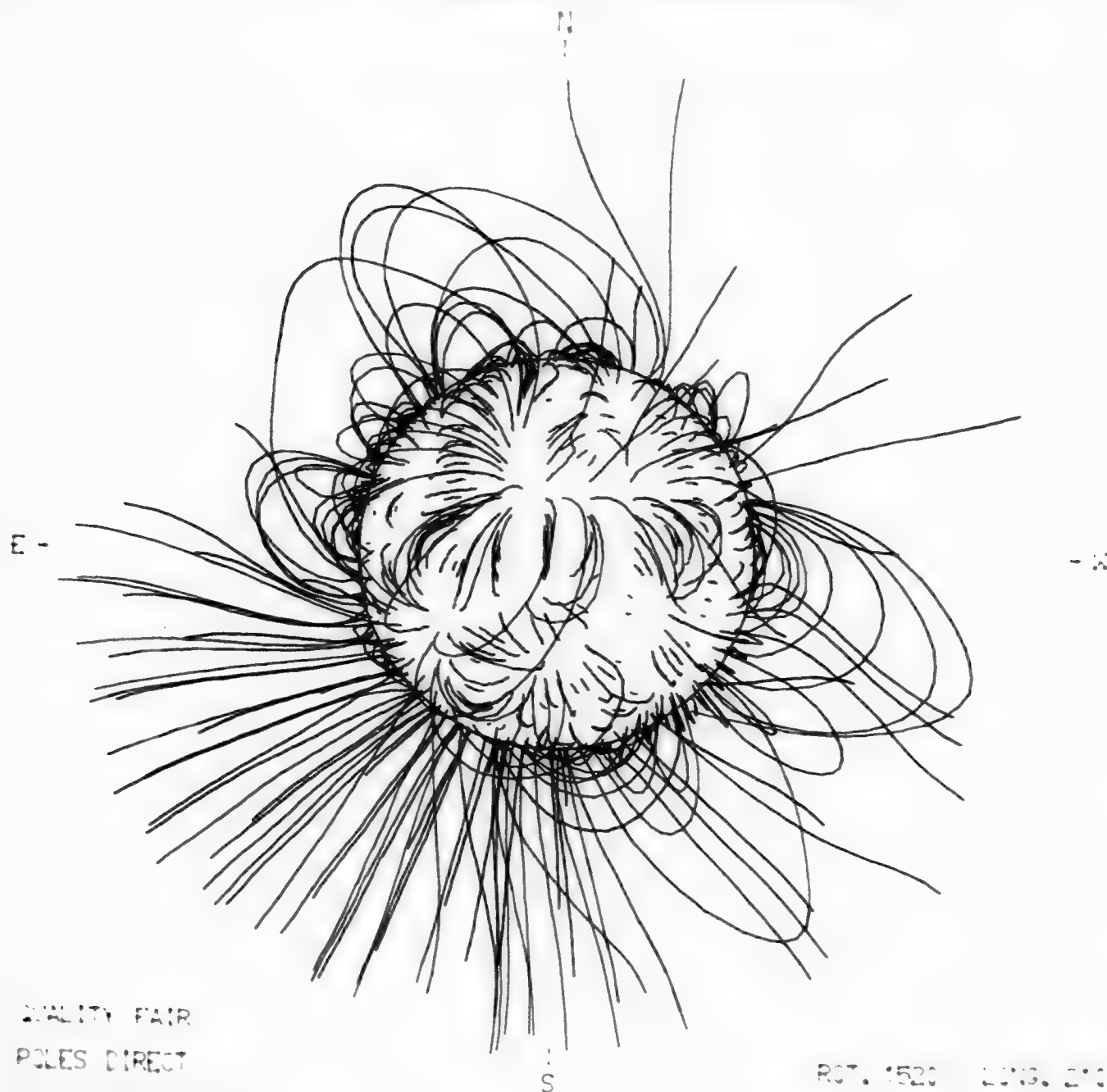


QUALITY FAIR
 POLES DIRECT
 DATA WINDOW 1520.00

1
 S

ROT. 1520 LONG. 221°
 28.8 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

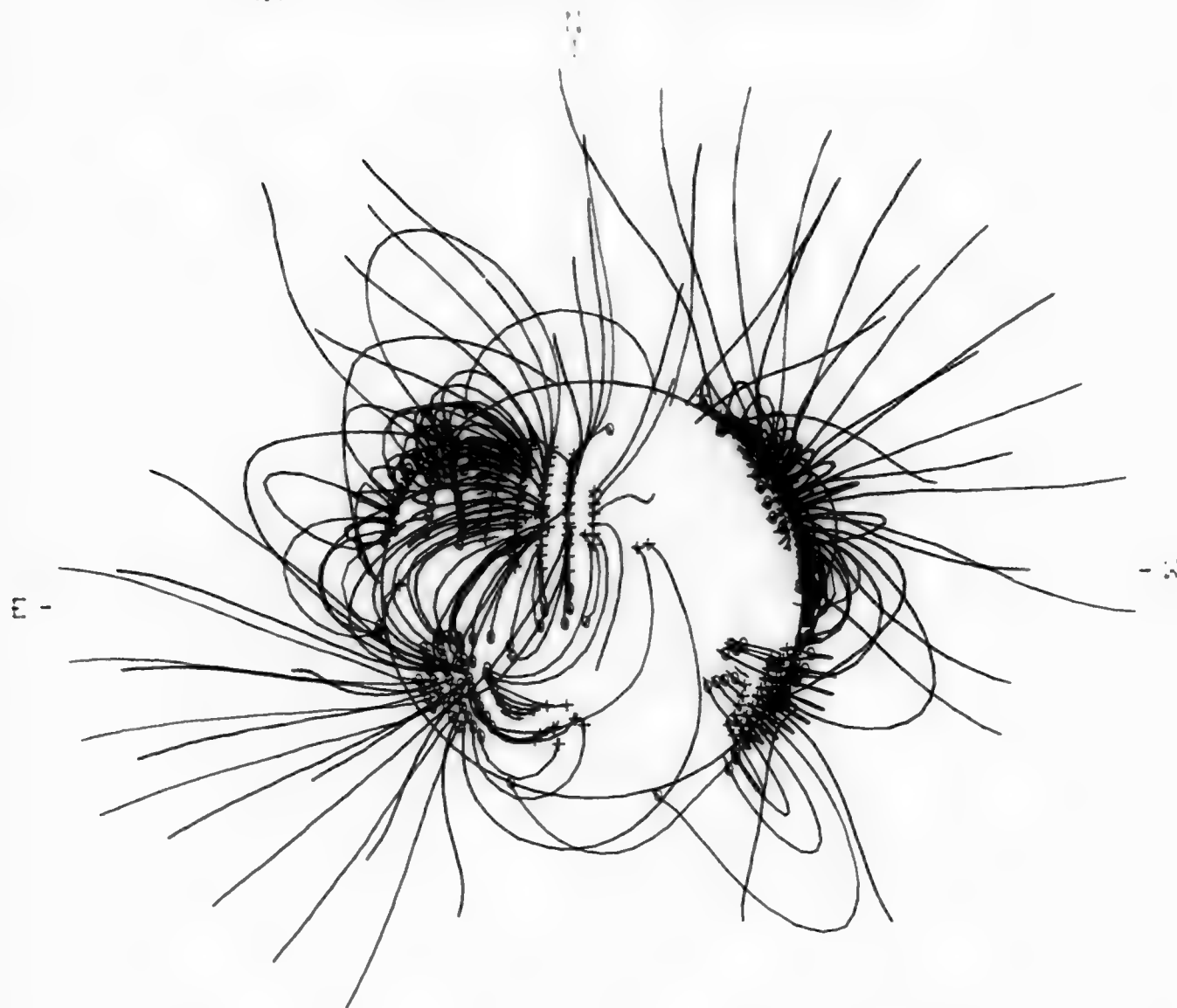
POLES DIRECT

DATA WINDOW 1520.00

ROT. 1520 LONG. 210°

29.5 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

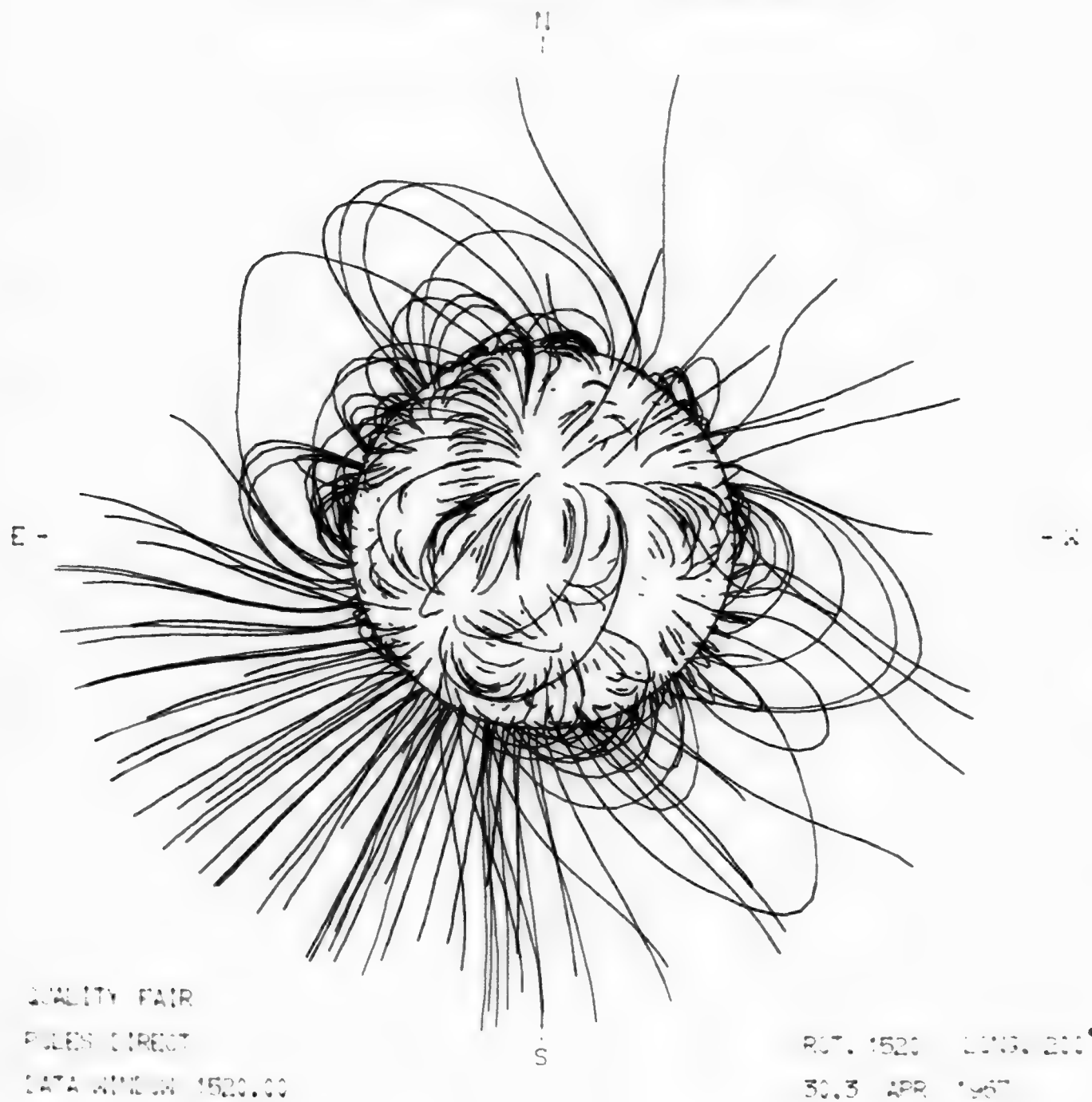


QUALITY FAIR
POLES DIRECT
DATA WINDOW 1520.00

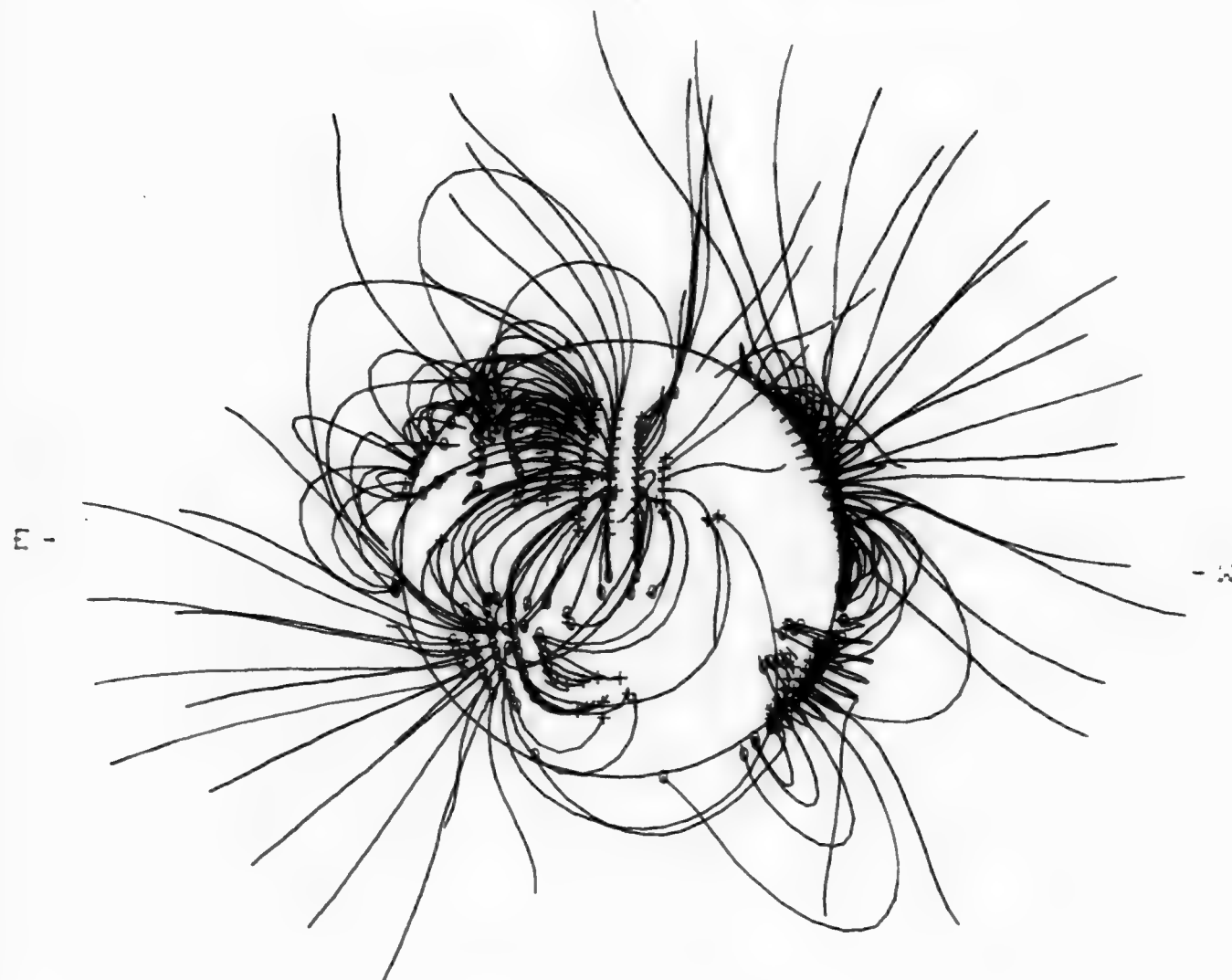
S

ROT. 1520 LONG. 210°
29.5 APR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

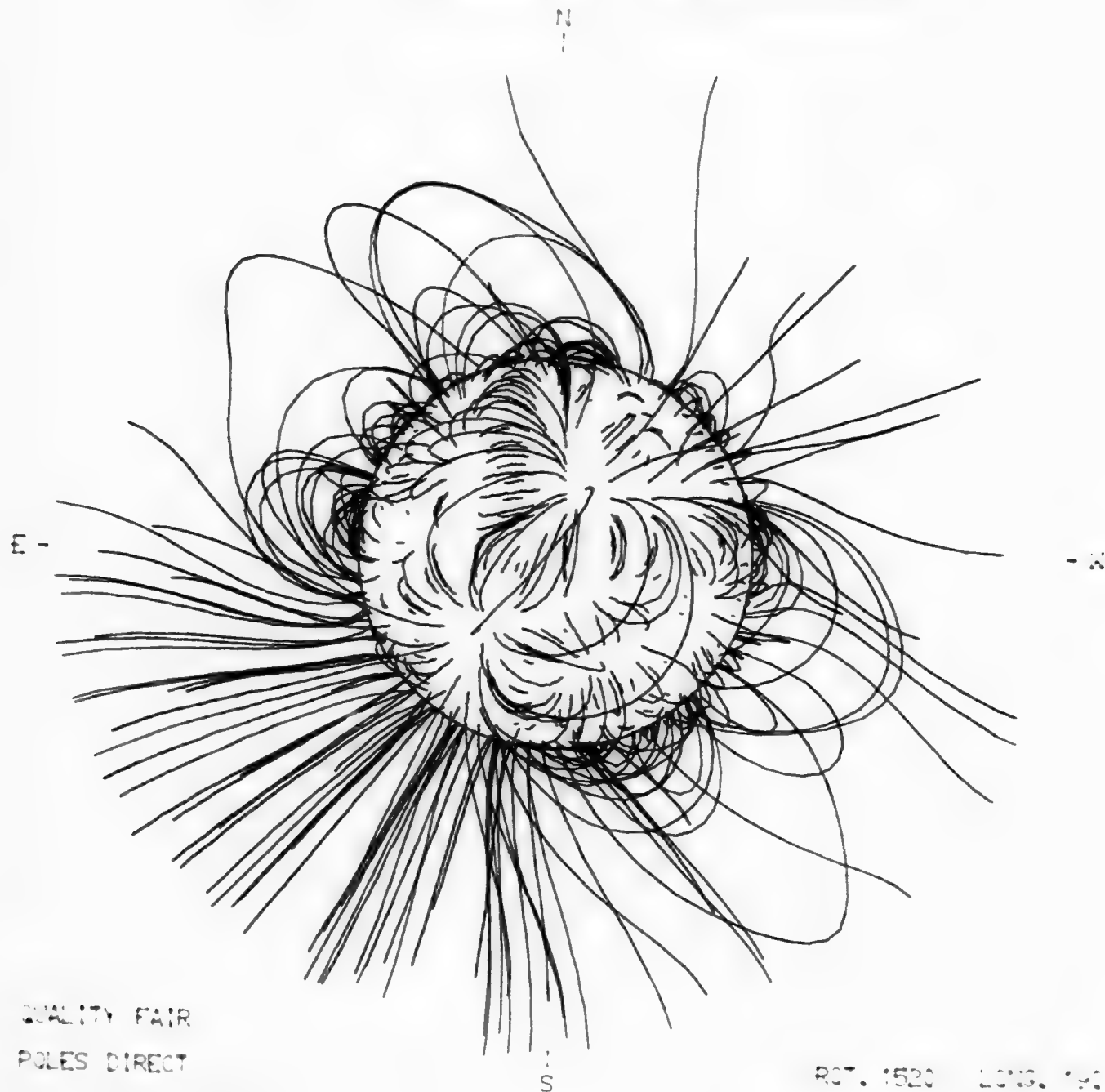
DATA WINDOW 1520.00

S

ROT. 1520 LONG. 200°

30.3 APR 1967

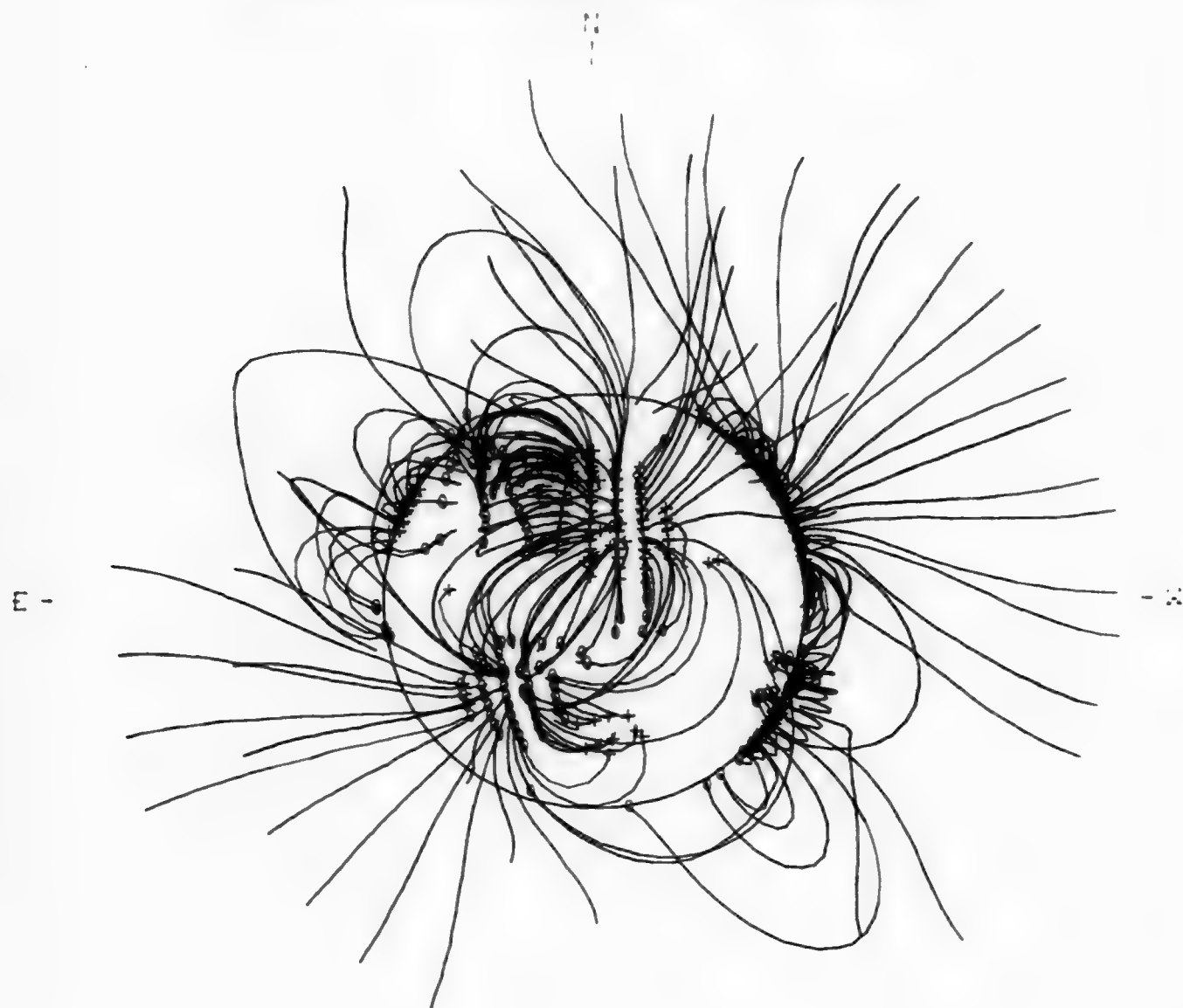
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1520.00

ROT. 1520 LONG. 190°
1.1 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

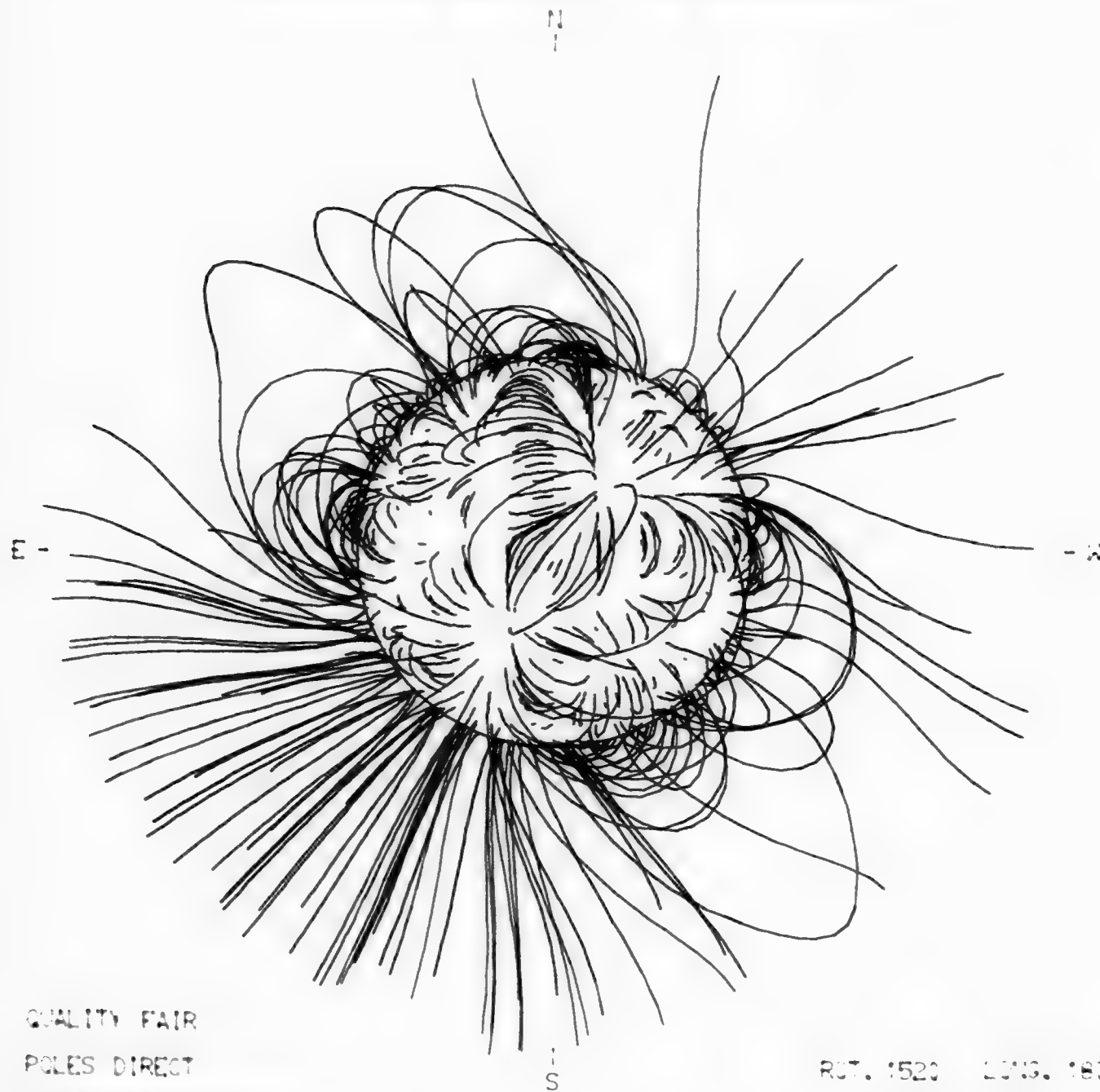
DATA WINDOW 1520.00

1
S

ROT. 1520 LONG. 190°

1.1 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

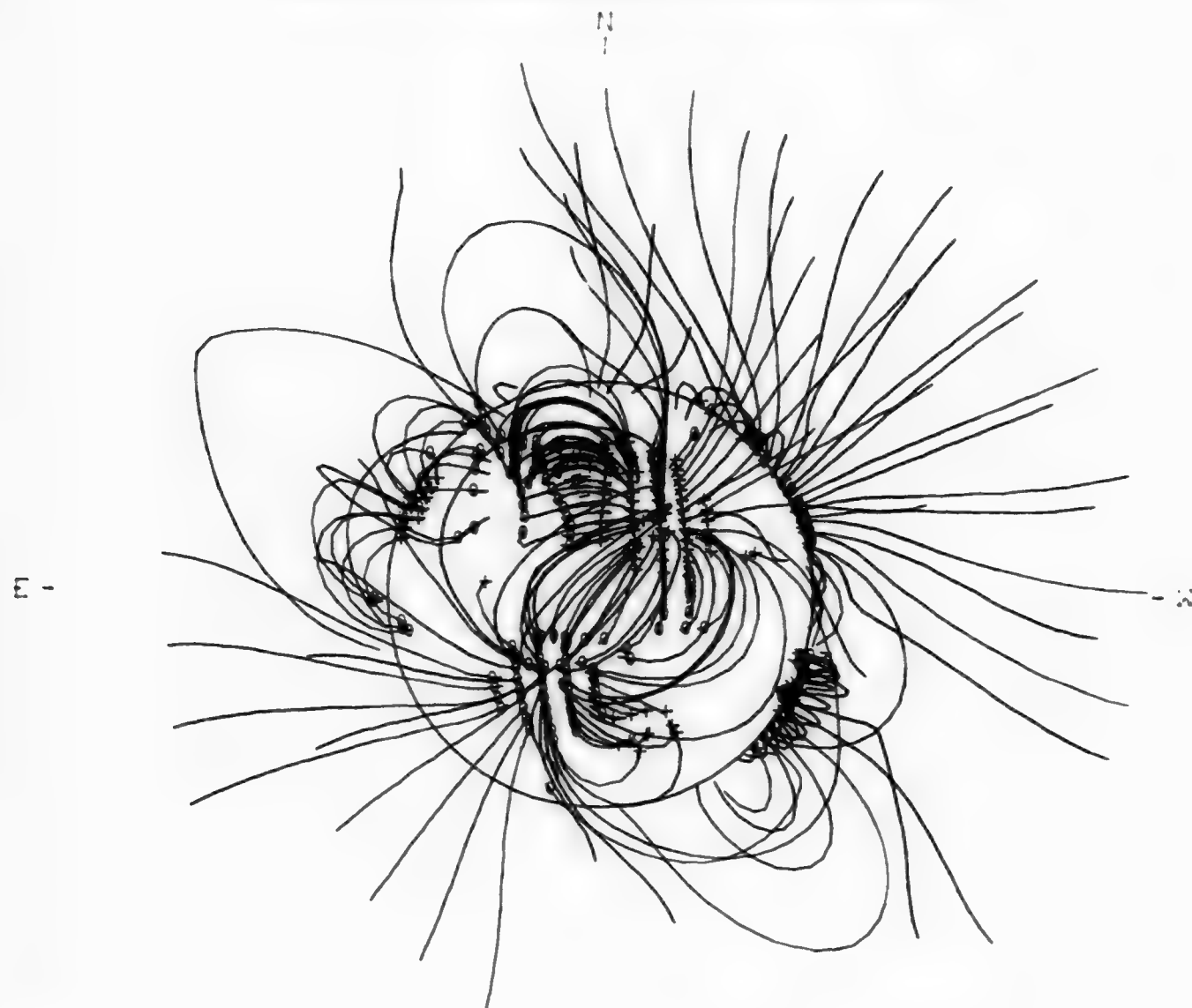
POLES DIRECT

DATA WINDOW 1520.00

ROT. 1520 LONG. 180°

1.8 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

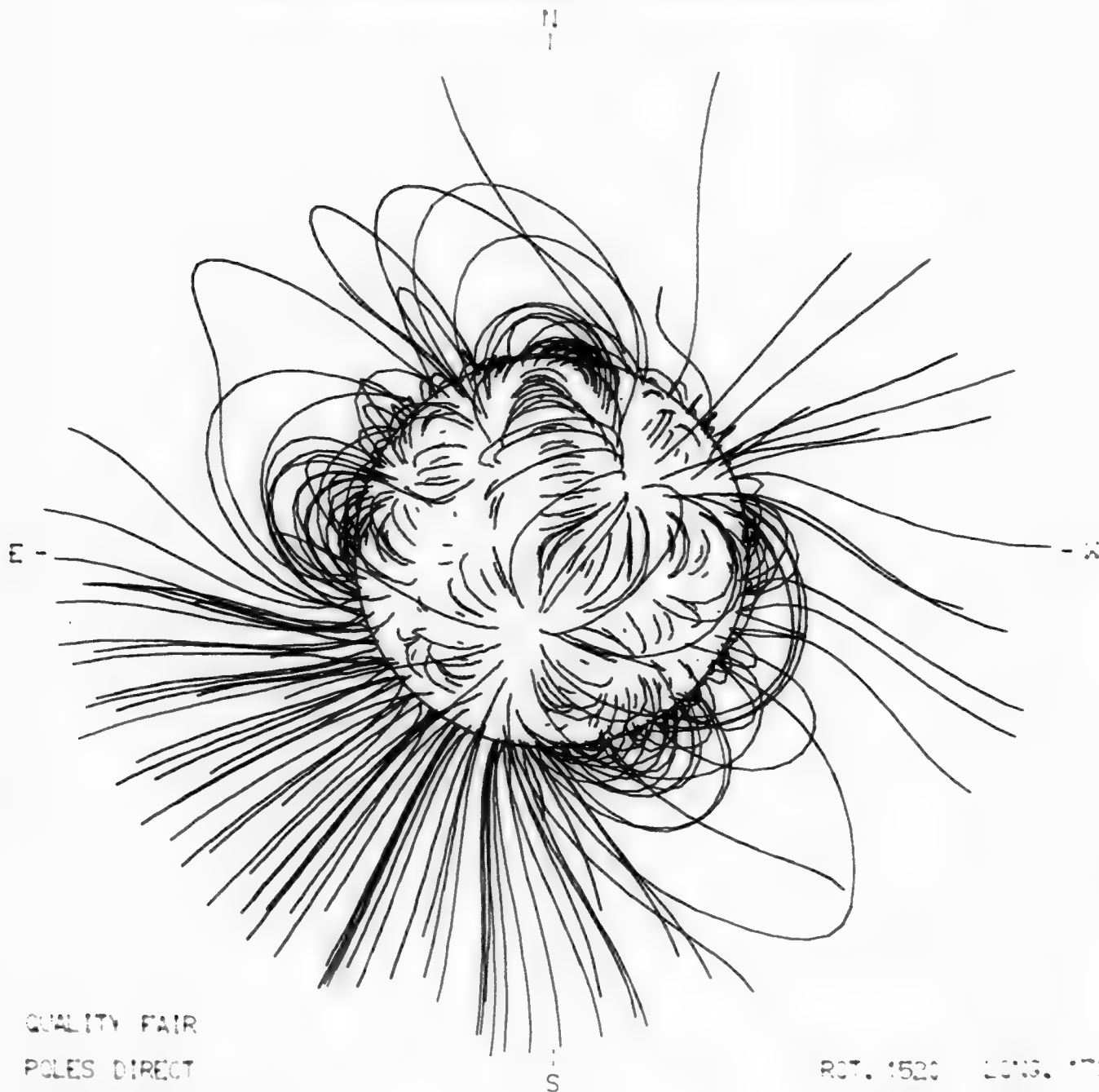
DATA WINDOW 1520.00

S

RUT. 1520 LONG. 181°

1.8 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

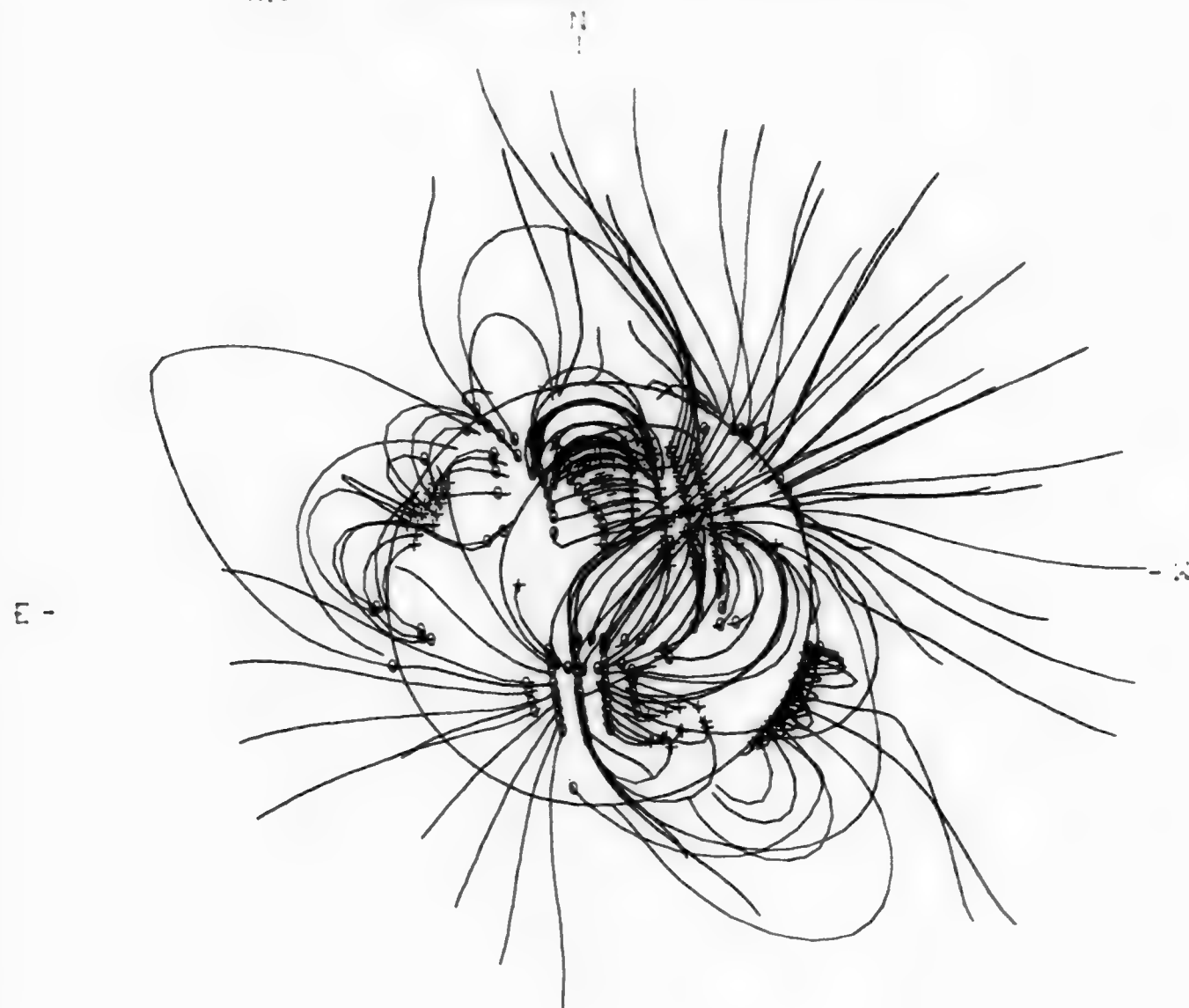
POLES DIRECT

DATA WINDOW 1520.00

ROT. 1520 LONG. 170°

2.6 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

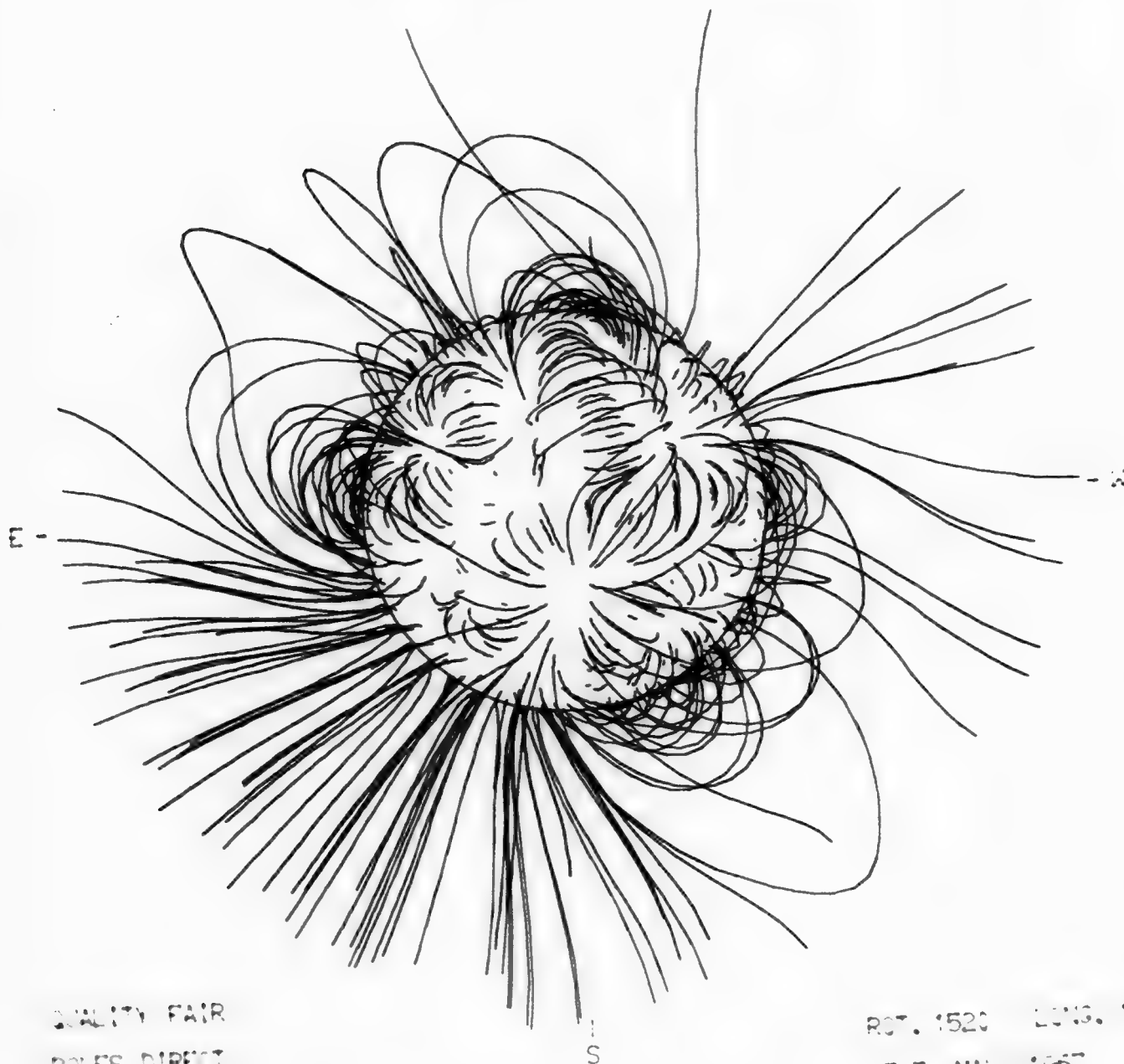


QUALITY FAIR
POLES DIRECT
DATA WINDOW 1520.00

1
S

RET. 1520 LONG. 177°
2.6 MAY 1967

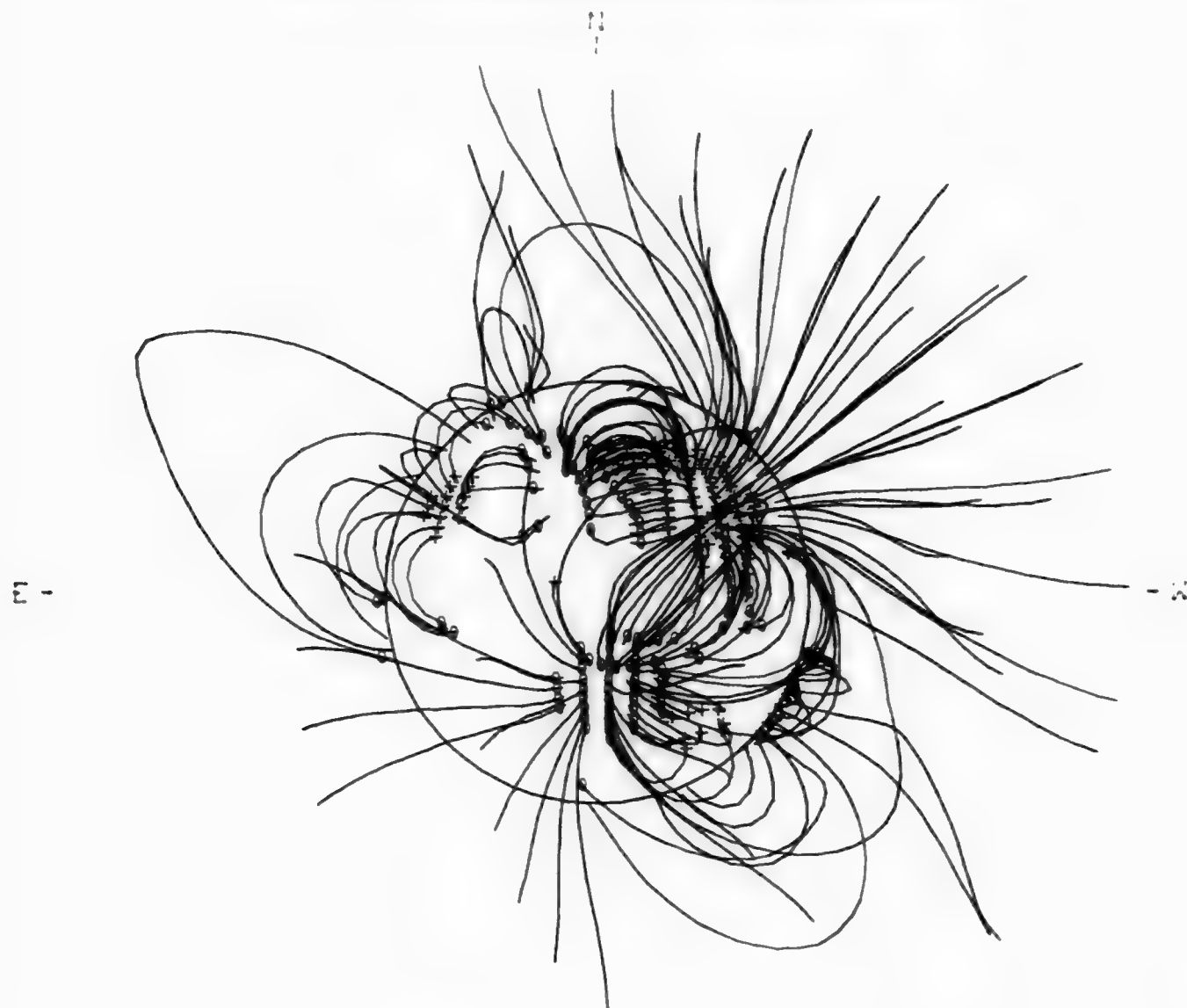
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1520.00

ROT. 1520 LONG. 160°
3.3 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

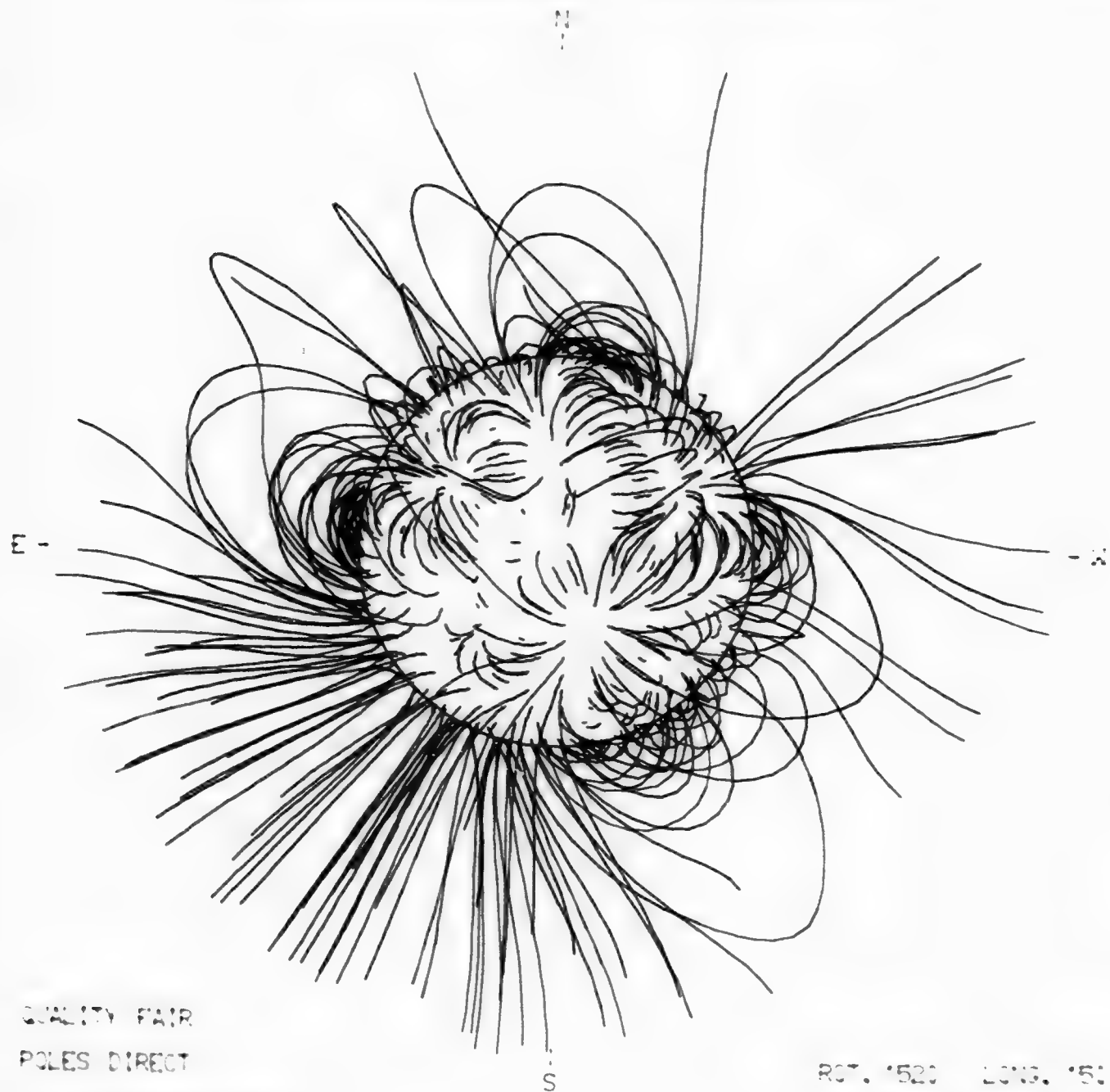
DATA WINDOW 1520.00

1
S

ROT. 1520 LONG. 161°

3.3 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1520.00

ROT. 1520 LONG. 151°

4.1 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

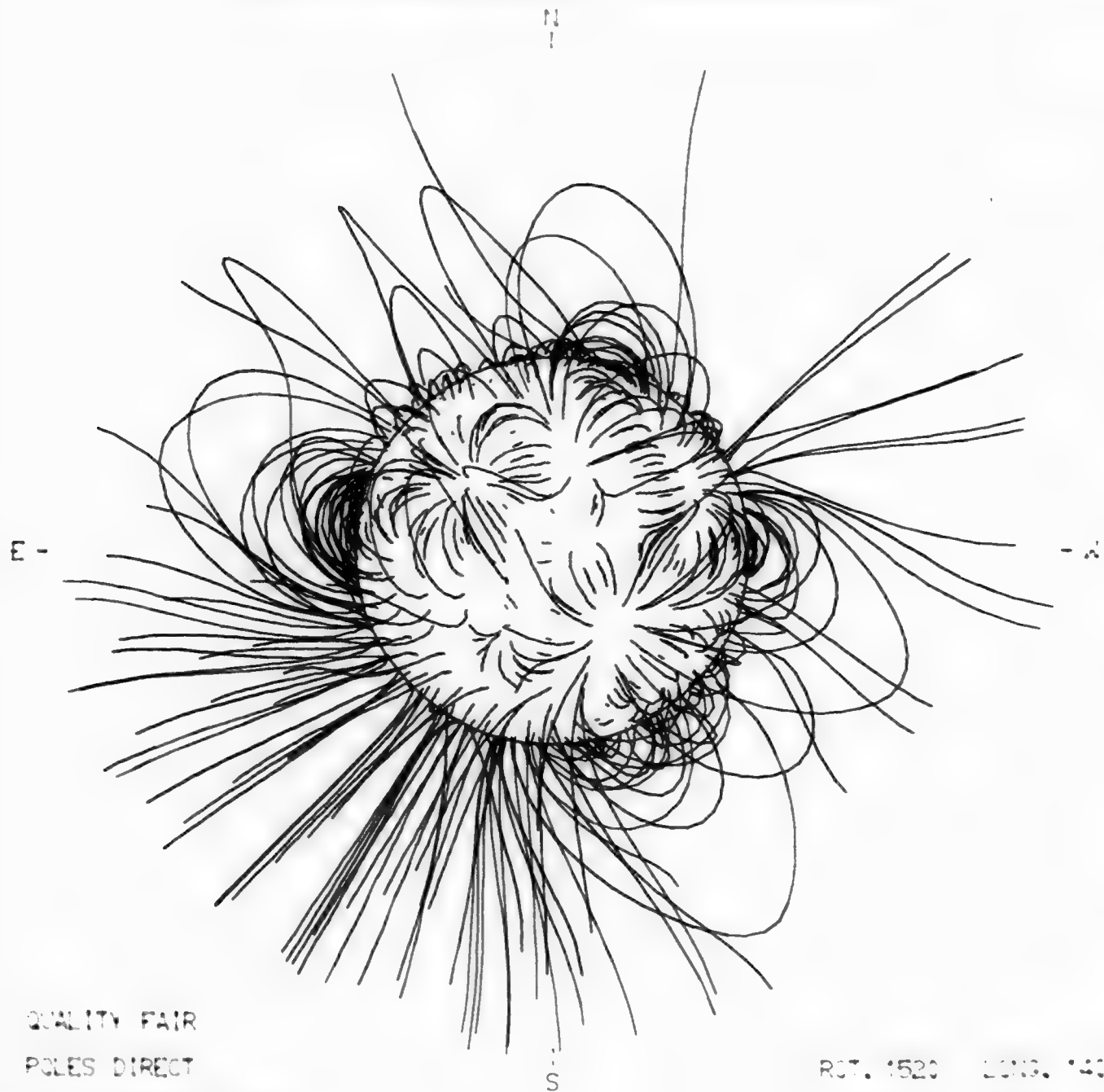
POLES DIRECT

DATA WINDOW 1520.00

S

ROT. 1520 LONG. 150°
4.1 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1520.00

ROT. 1520

LONG. 141°

4.8 MAY

1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

11
1

E -

- W

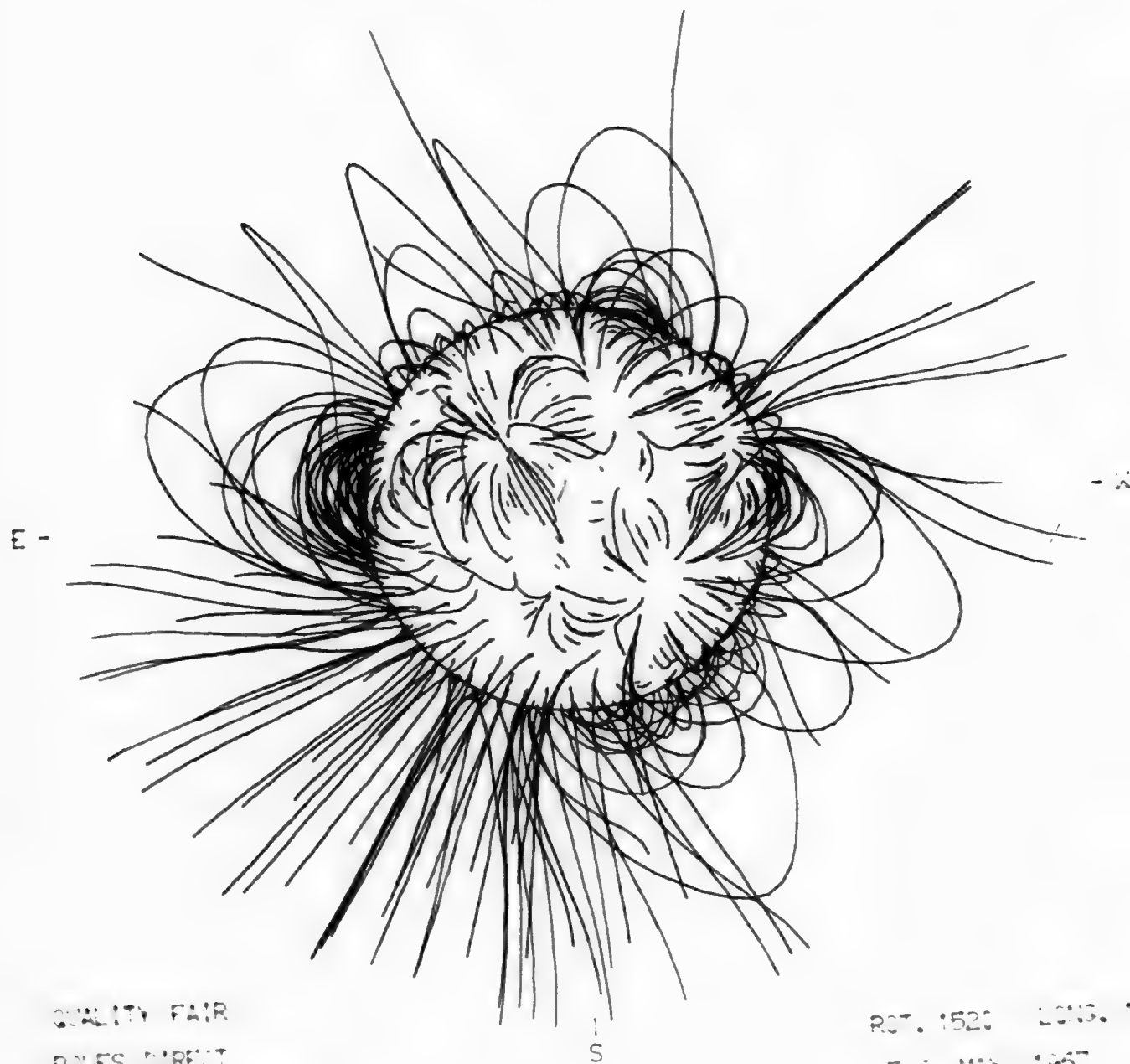
QUALITY FAIR
POLES DIRECT
DATA WINDOW 1520.00

1
S

ROT. 1520 LONG. 140°
4.8 MAY 1967



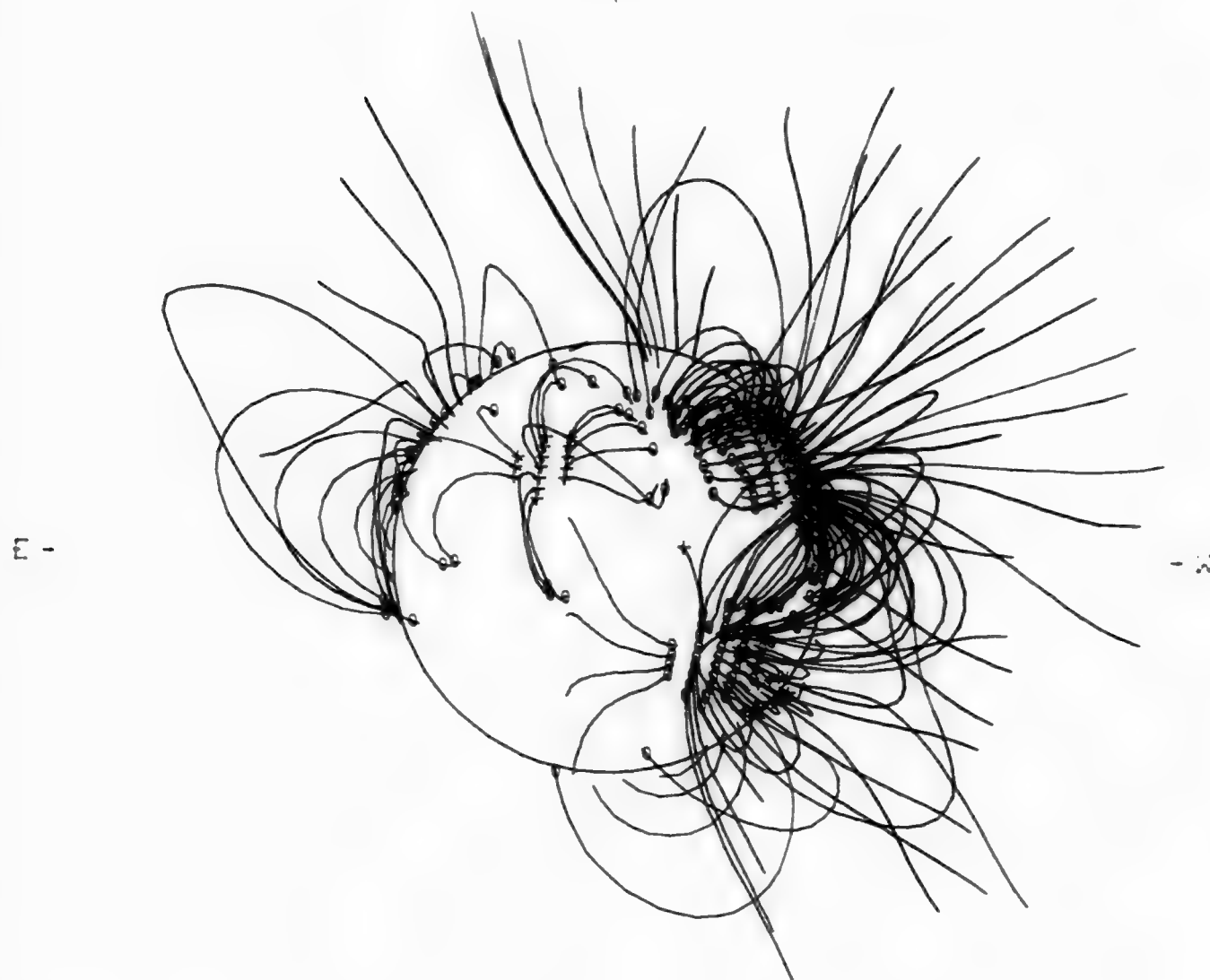
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1520.00

ROT. 1520 LONG. 150°
5.6 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

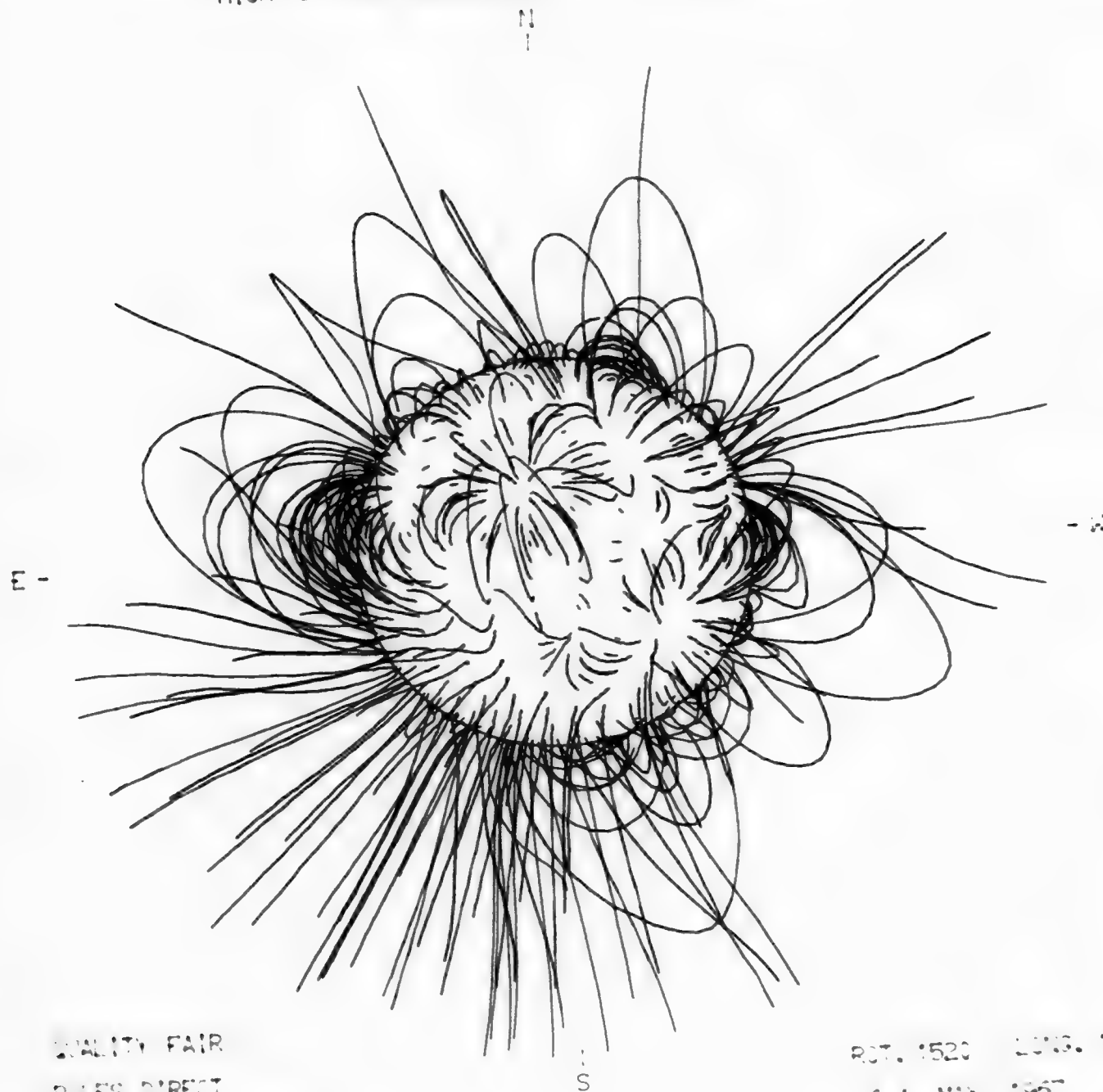
DATA WINDOW 1520.00

S

ROT. 1520 LONG. 151°

5.6 MAG 1957

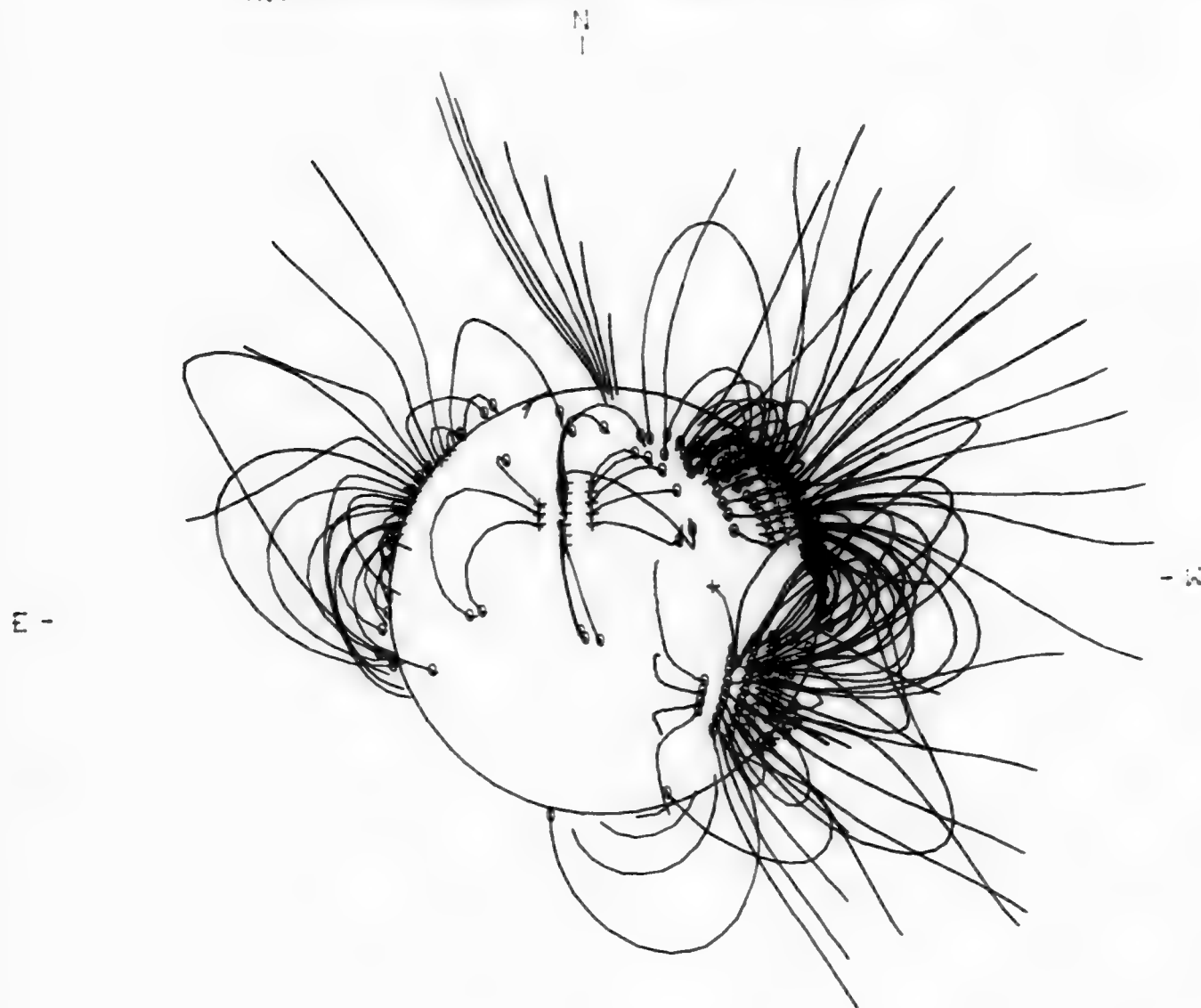
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
RULES DIRECT
DATA WINDOW 1520.00

ROT. 1520 LONG. 120°
6.4 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

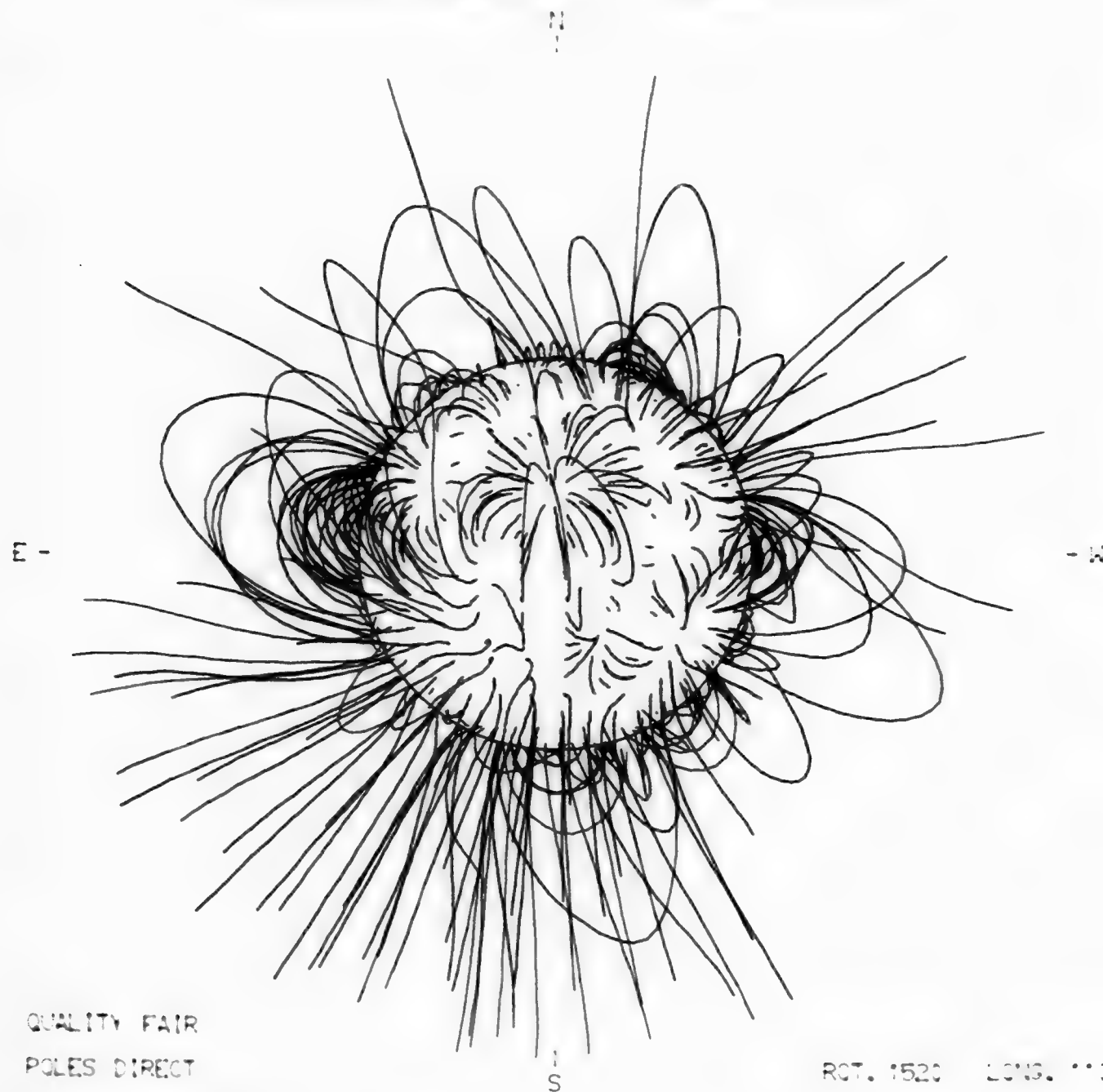
POLES DIRECT

DATA WINDOW 1520.00

S

ROT. 1520 LONG. 120°
6.4 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

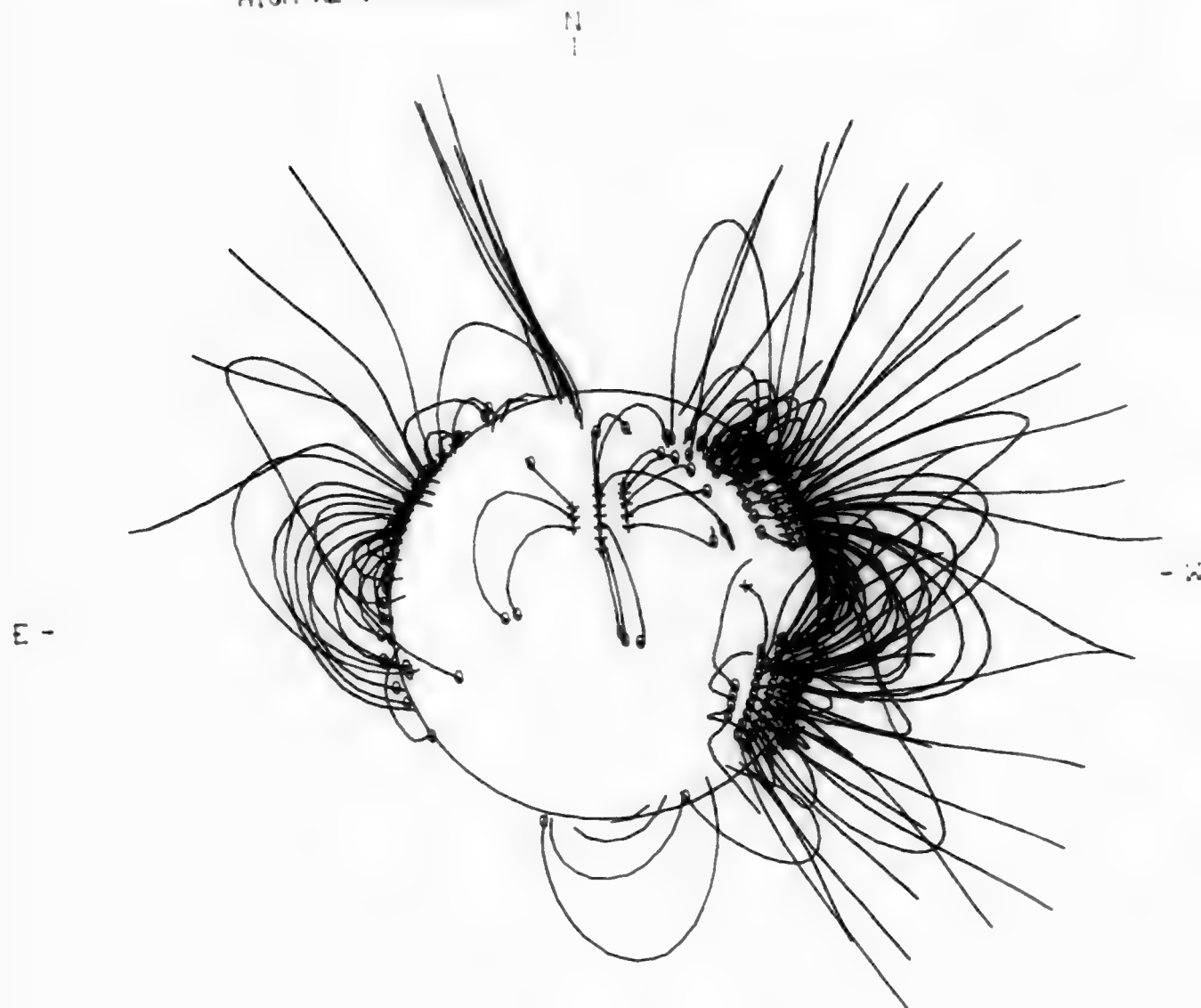
POLES DIRECT

DATA WINDOW 1520.00

ROT. 1520 LONG. ...°

7.1 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

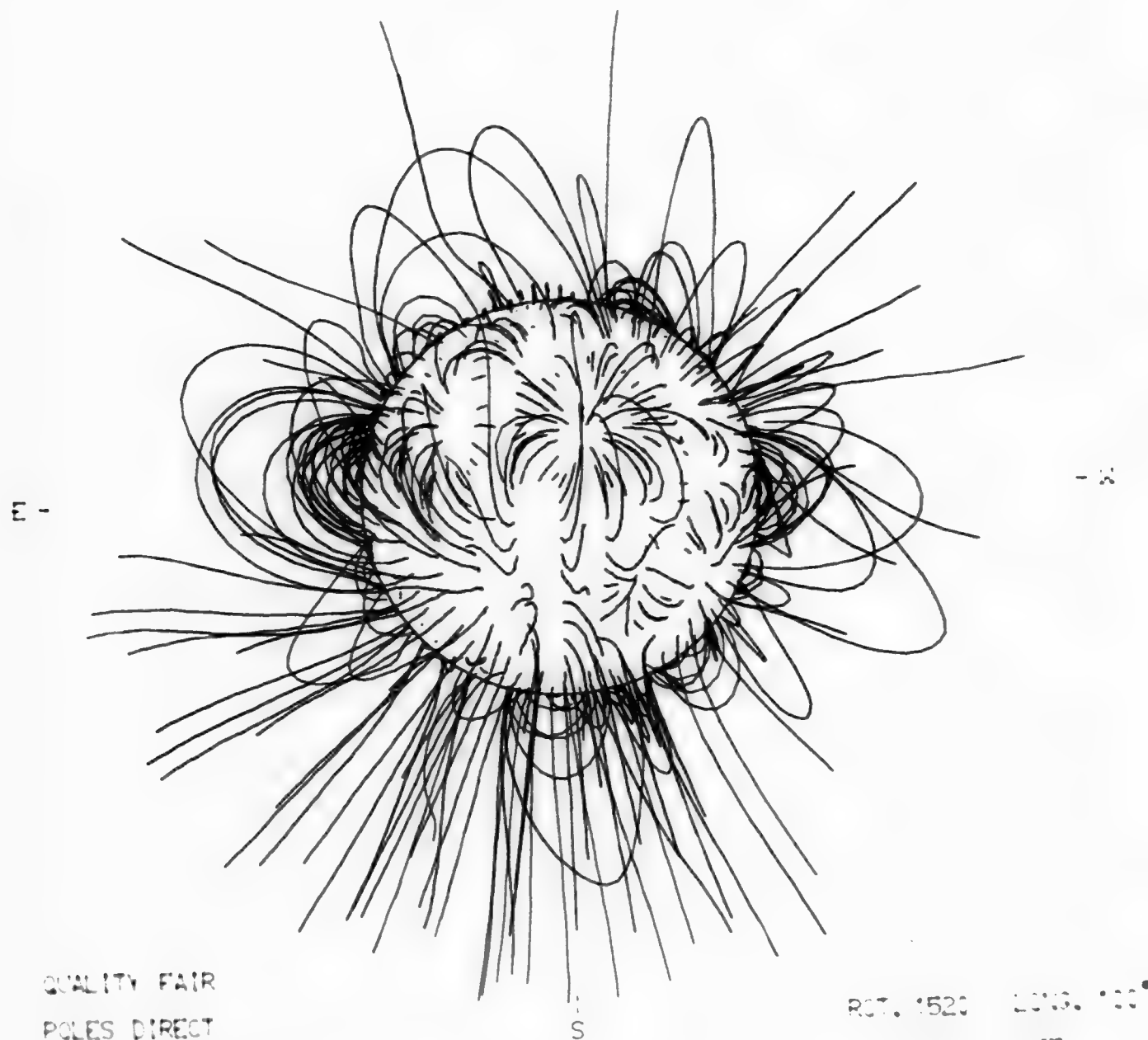
POLES DIRECT

DATA WINDOW 1520.00

S

ROT. 1520 LONG. 110°
7.1 MAY 1967

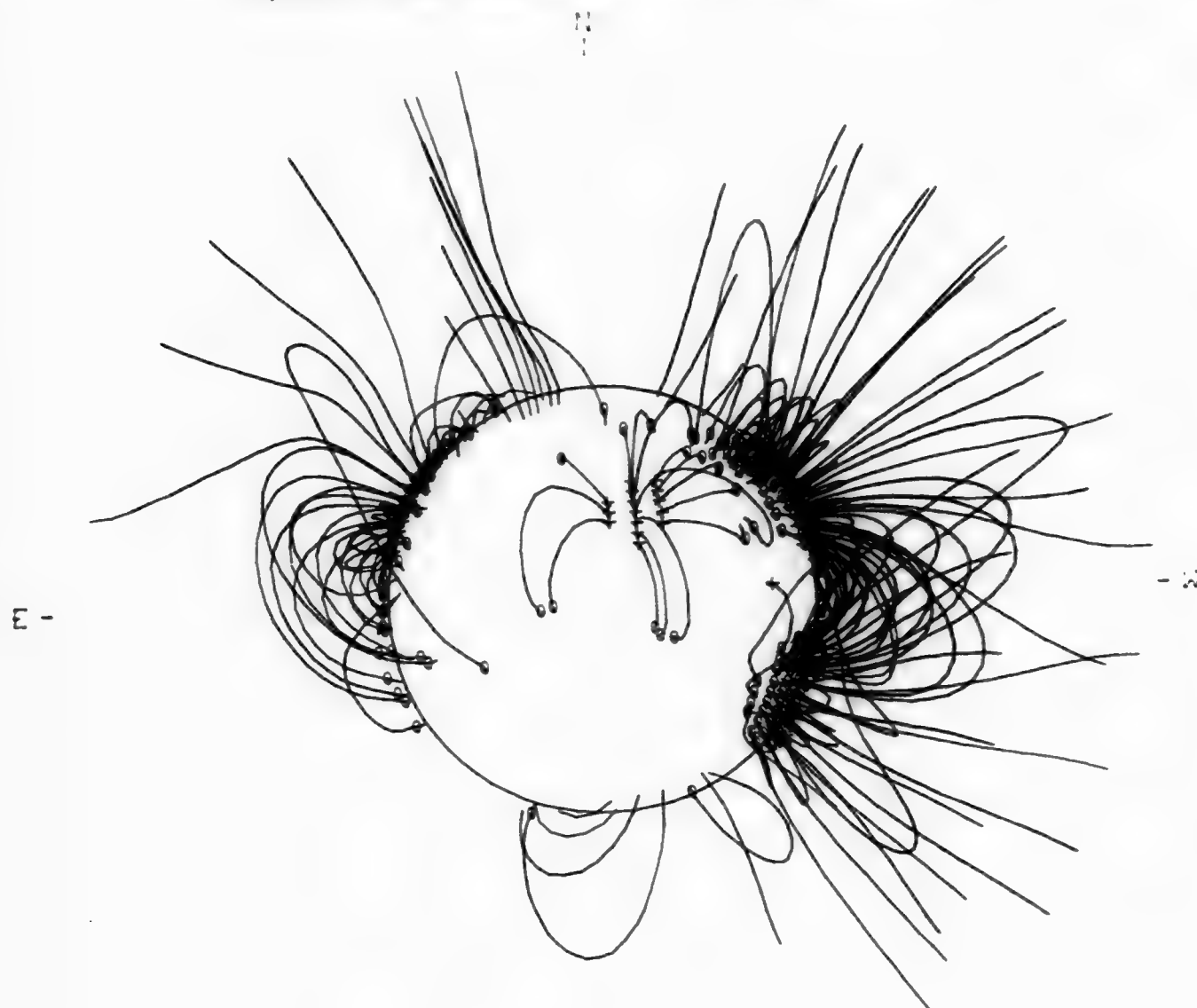
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1520.00

ROT. 1520 LONG. 100°
7.9 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

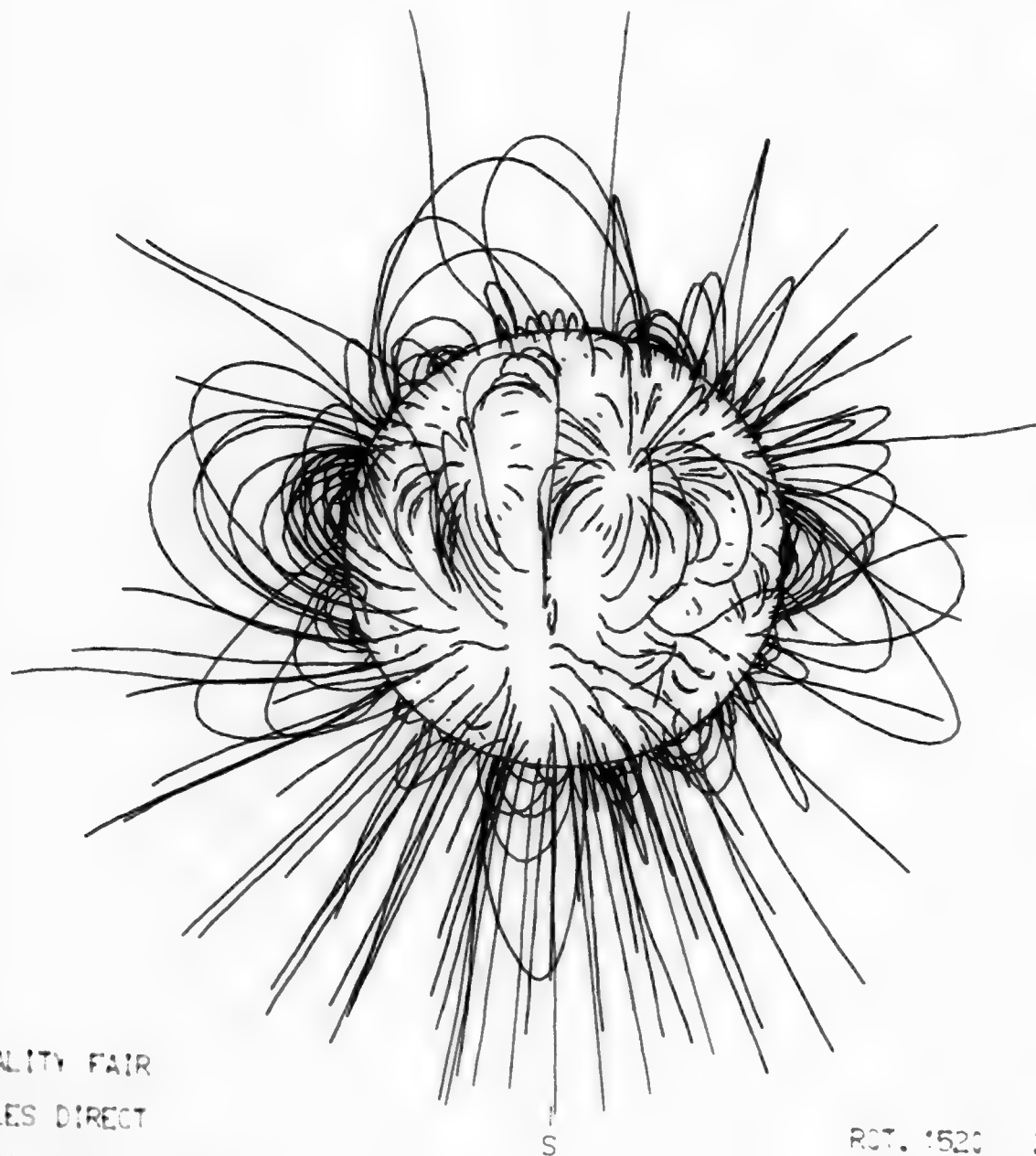
POLES DIRECT

DATA WINDOW 1520.00

1
S

ROT. 1520 LONG. 100°
7.5 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

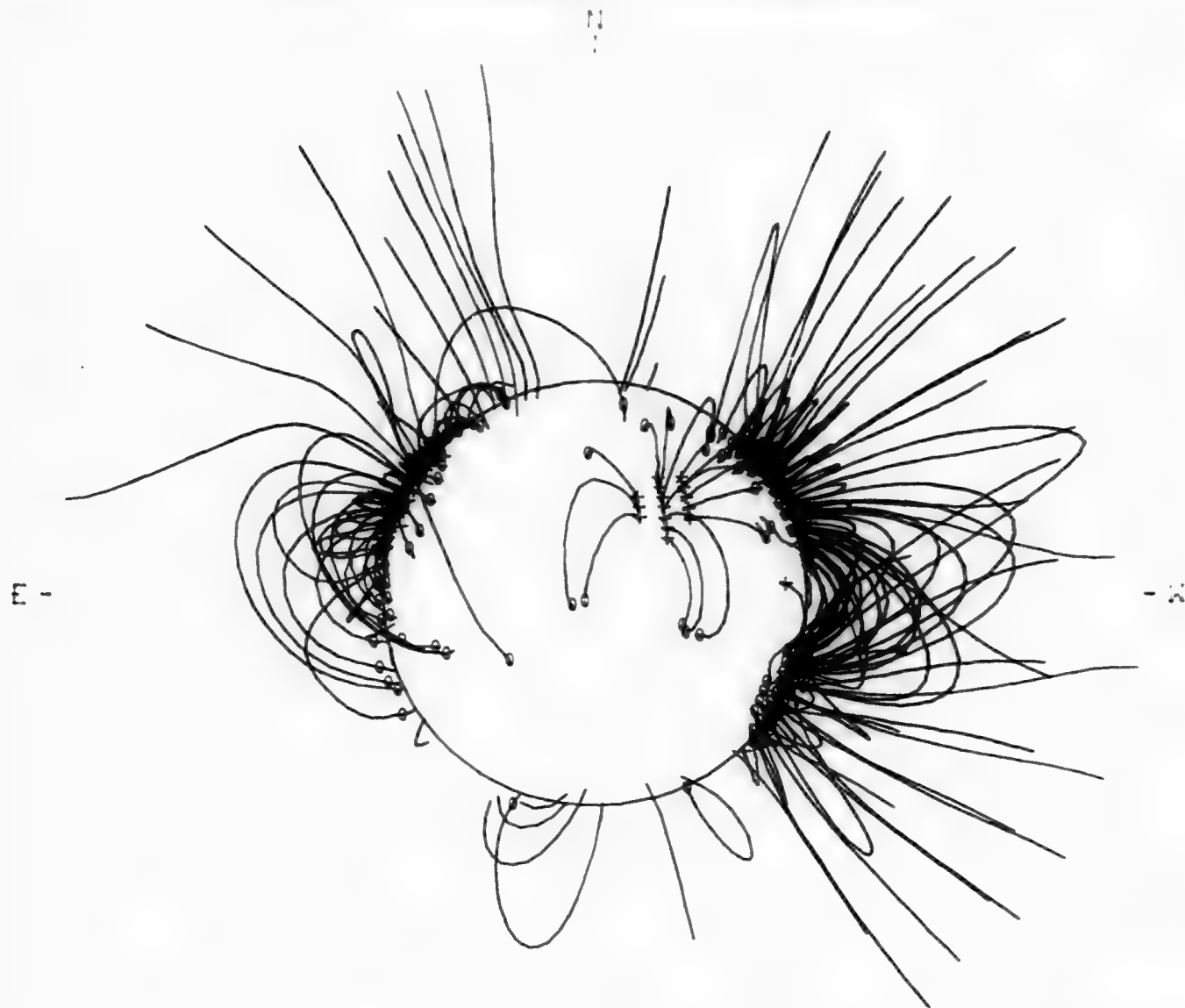
POLES DIRECT

DATA WINDOW 1520.00

ROT. 1520 LONG. 90°

8.6 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

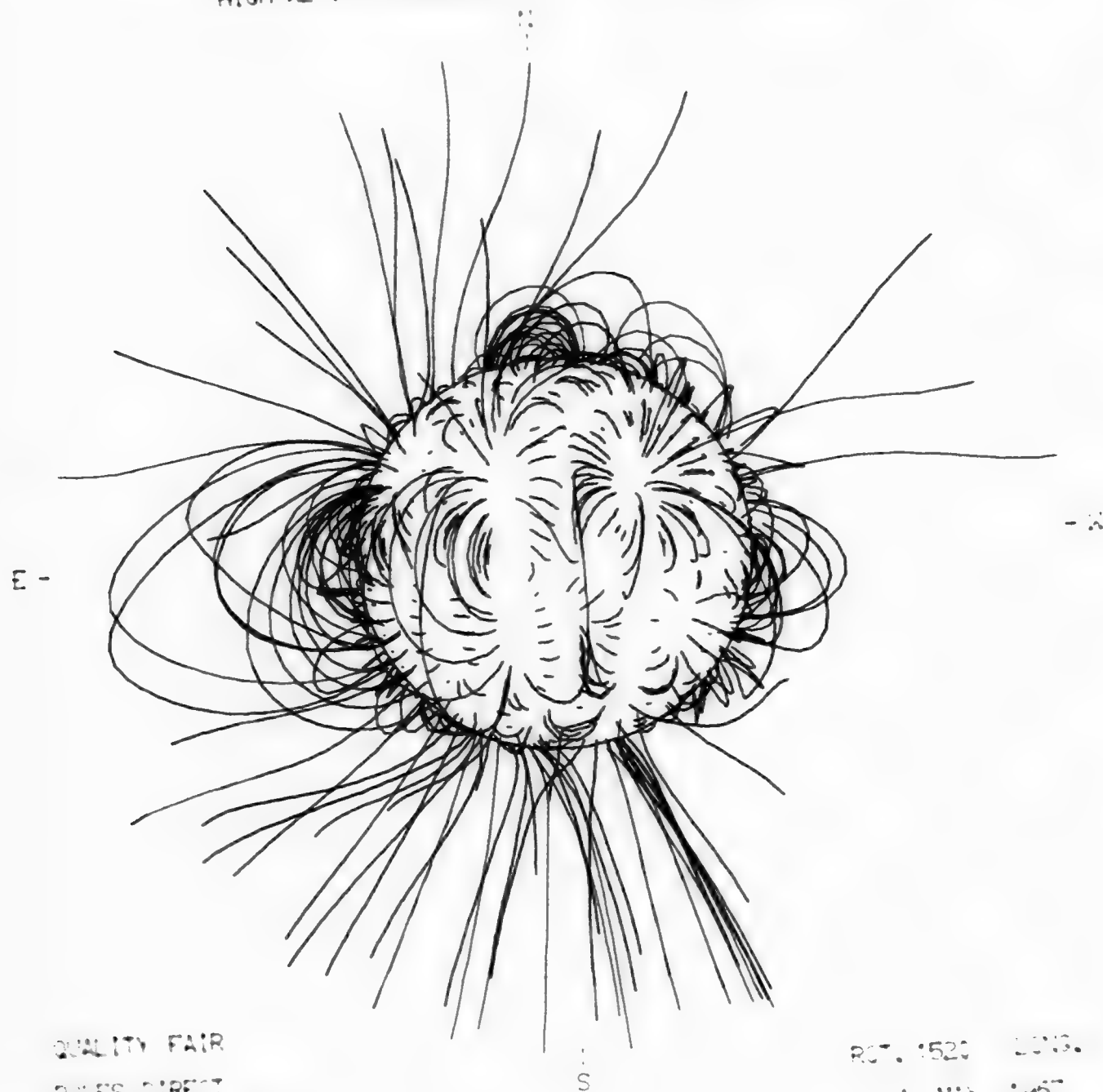
DATA WINDOW 1520.00

S

ROT. 1520 LONG. 90°

8.6 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

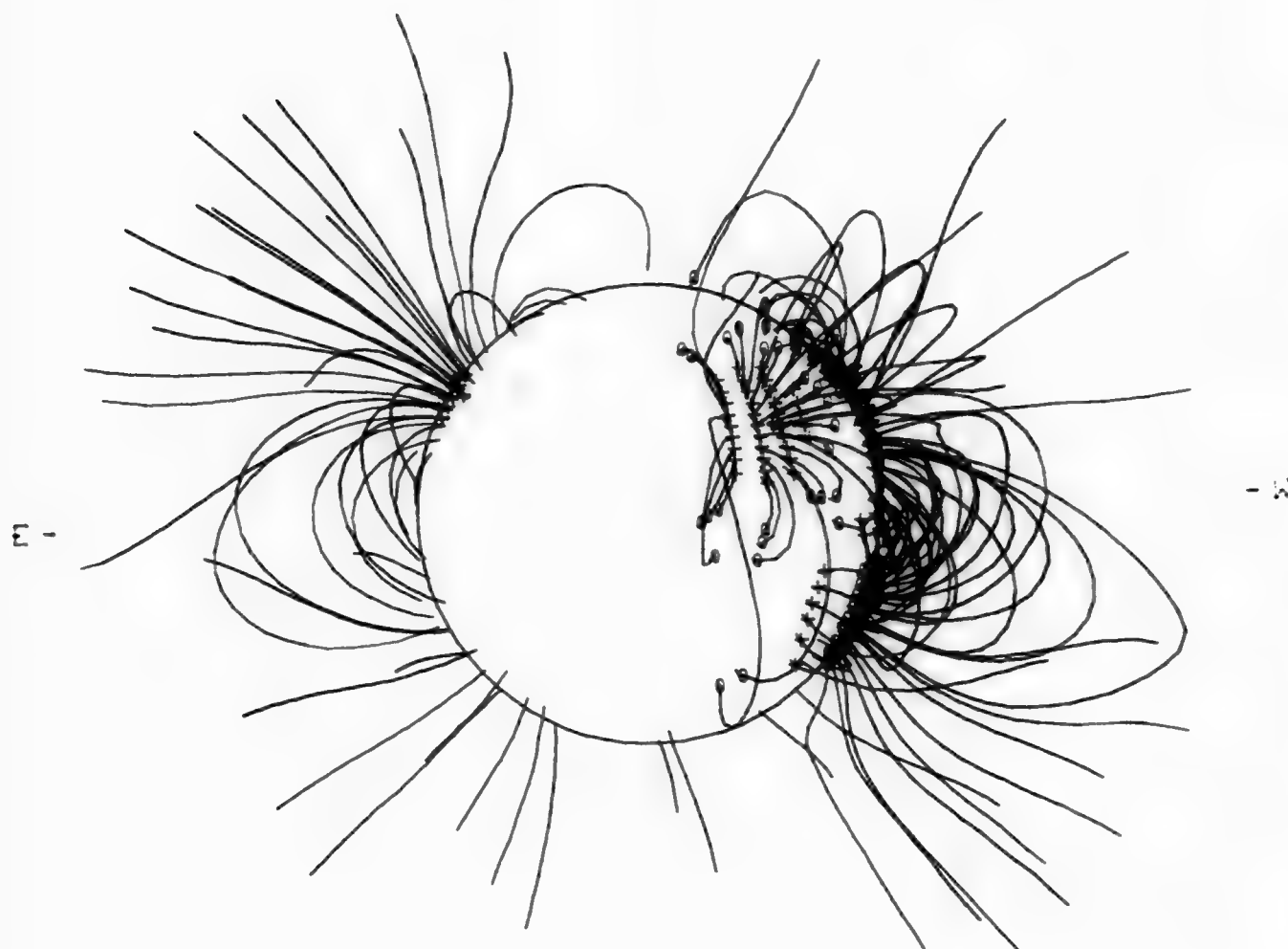
FILES DIRECT

DATA WINDOW 1520.47

ROT. 1520 2016. 80°
S. 4 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

11



QUALITY FAIR

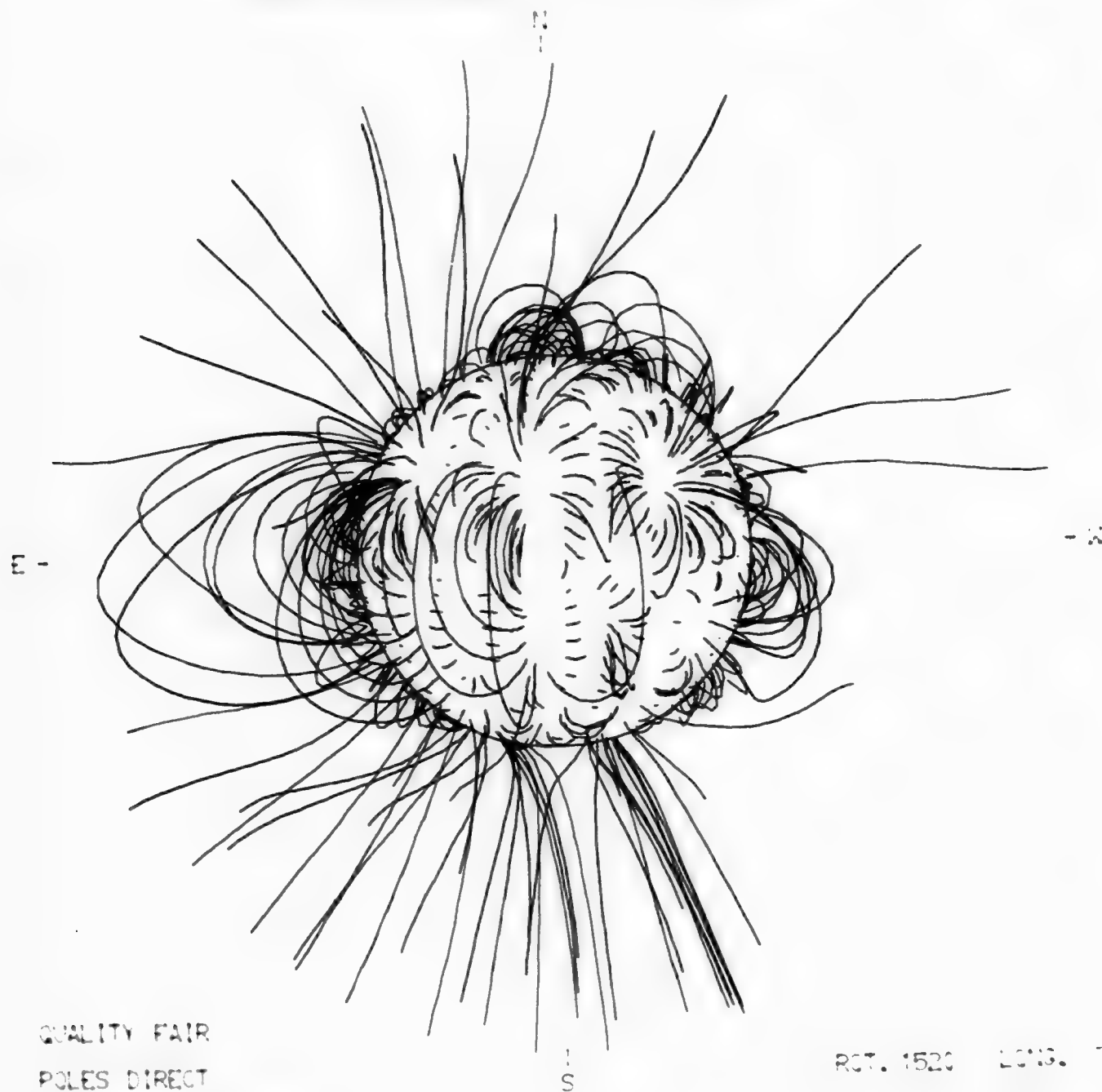
POLES DIRECT

DATA WINDOW 1520.47

1
5

ROT. 1520 LONG. 81°
9.4 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1520.47

ROT. 1520 LONG. 70°
10.1 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
|
I

E -

- W

QUALITY FAIR

POLES DIRECT

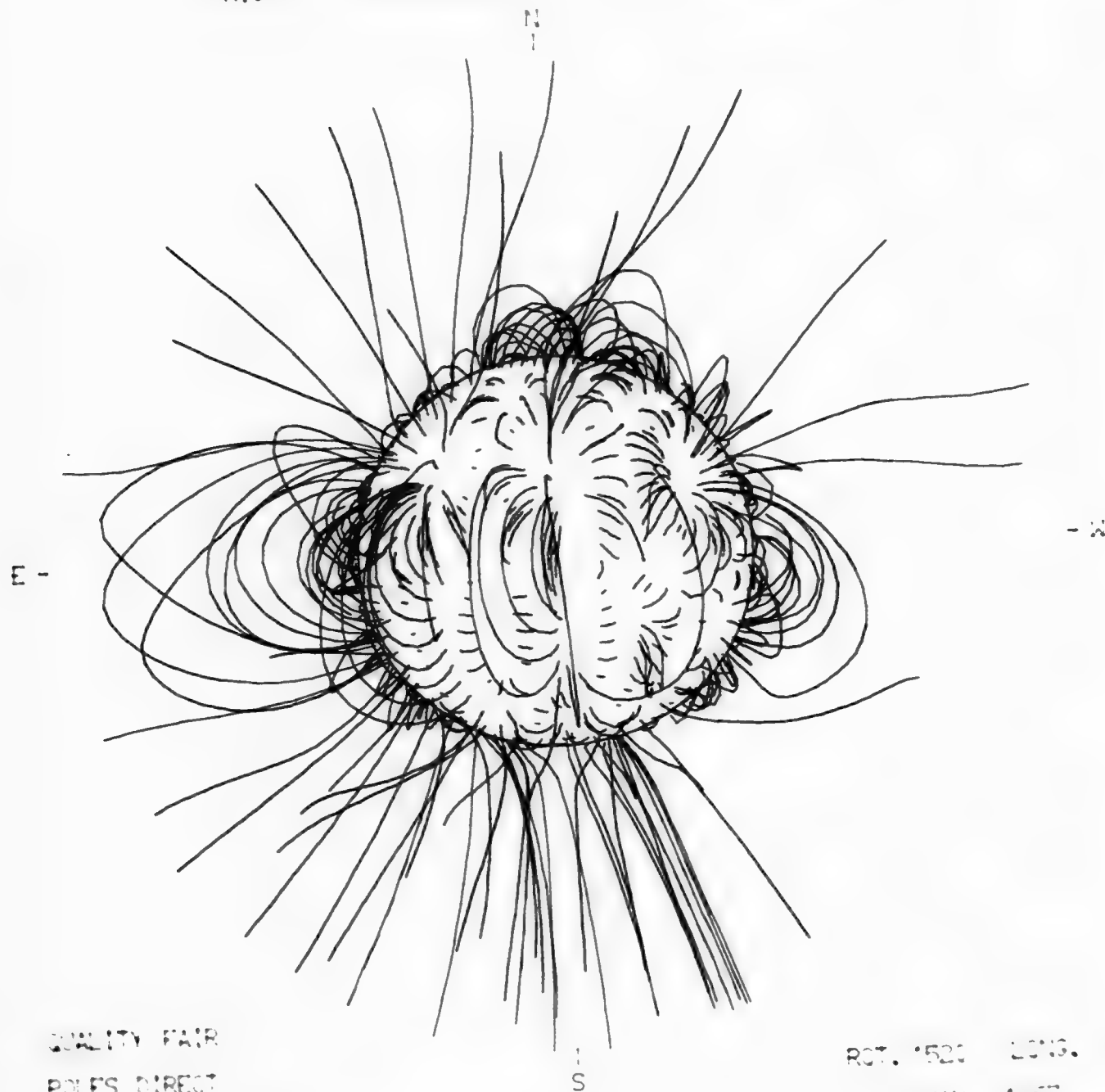
DATA WINDOW 1520.47

I
S

ROT. 1520 LONG. 70°

10.1 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

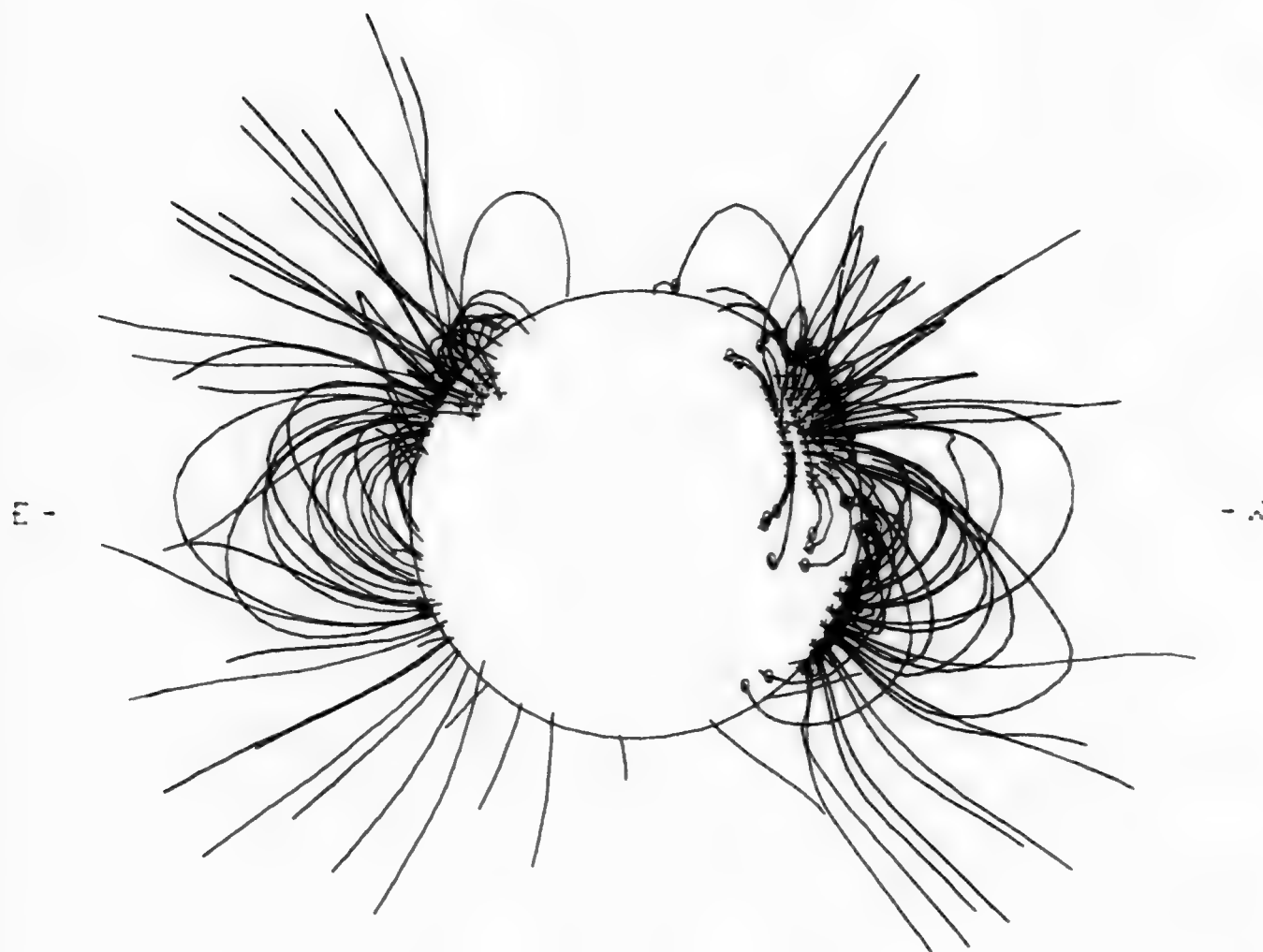


QUALITY FAIR
POLES DIRECT
DATA WINDOW 1520.47

ROT. 1520 LONG. 60°
10.5 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

11
1



QUALITY FAIR

POLES DIRECT

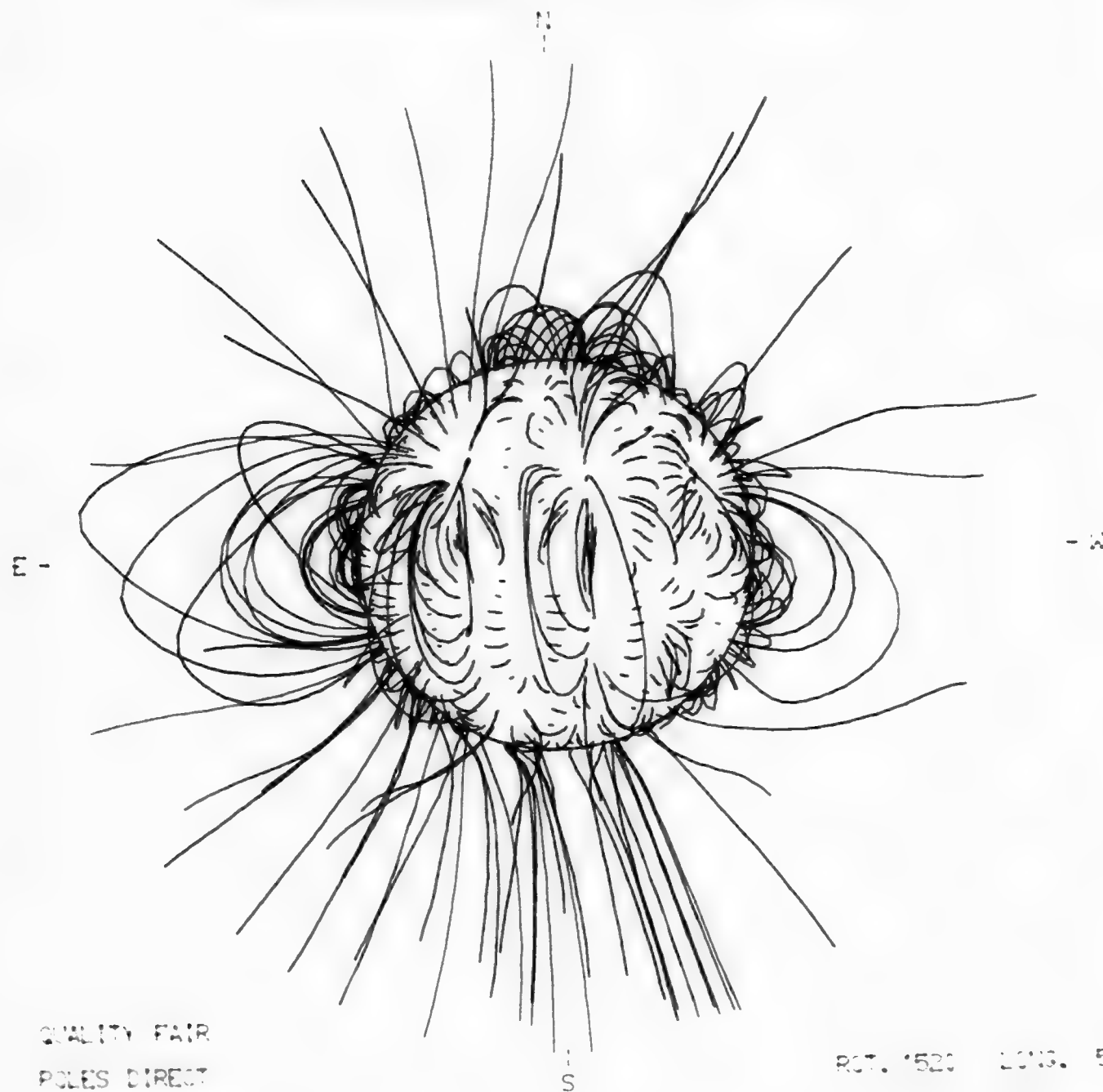
DATA WINDOW 1520.47

1
S

ROT. 1520 2000. 50°

10.9 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



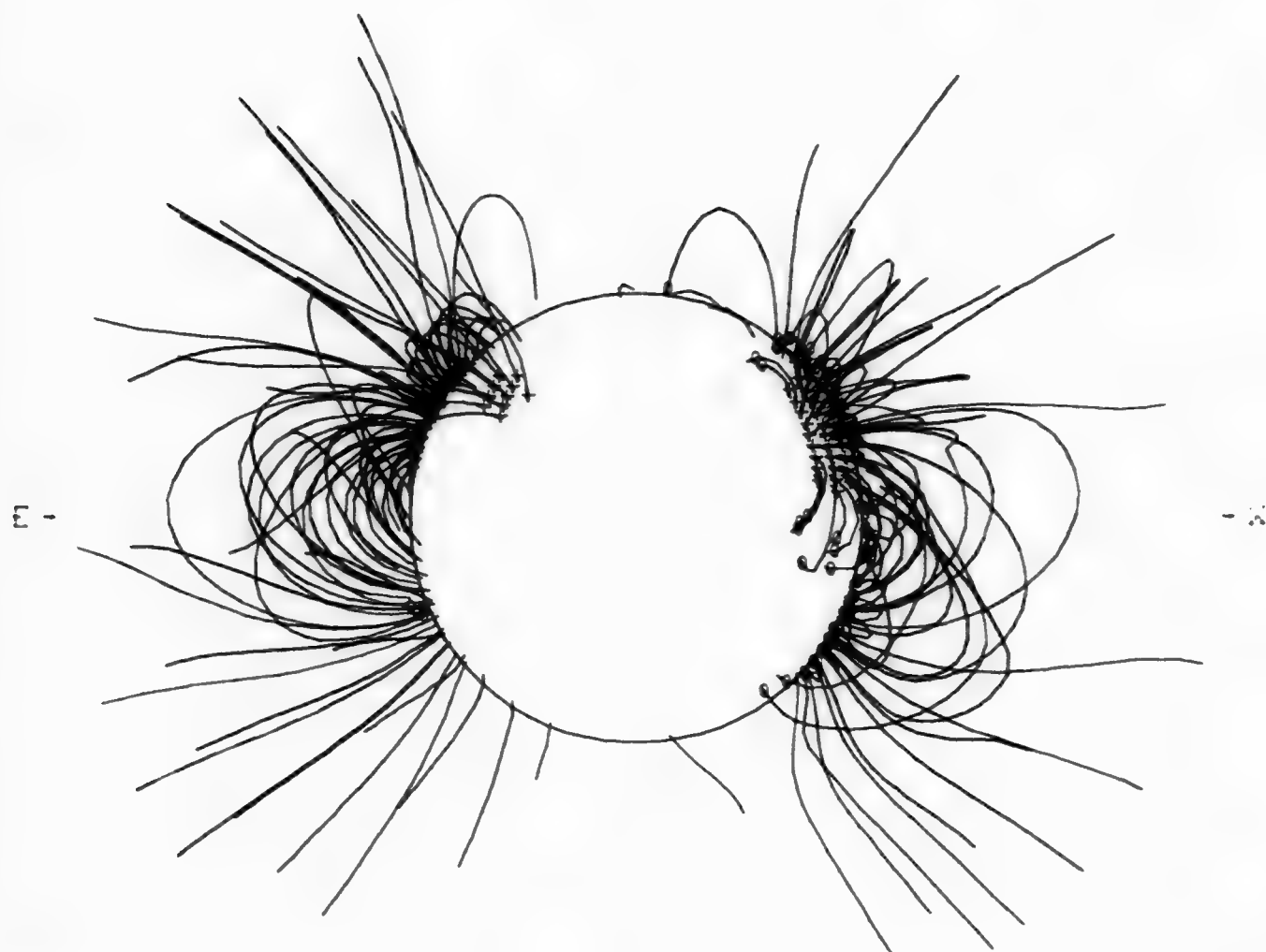
QUALITY FAIR

POLES DIRECT

DATA WINDOW 1520.47

ROT. 1520 LONG. 51°
11.6 MAY 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

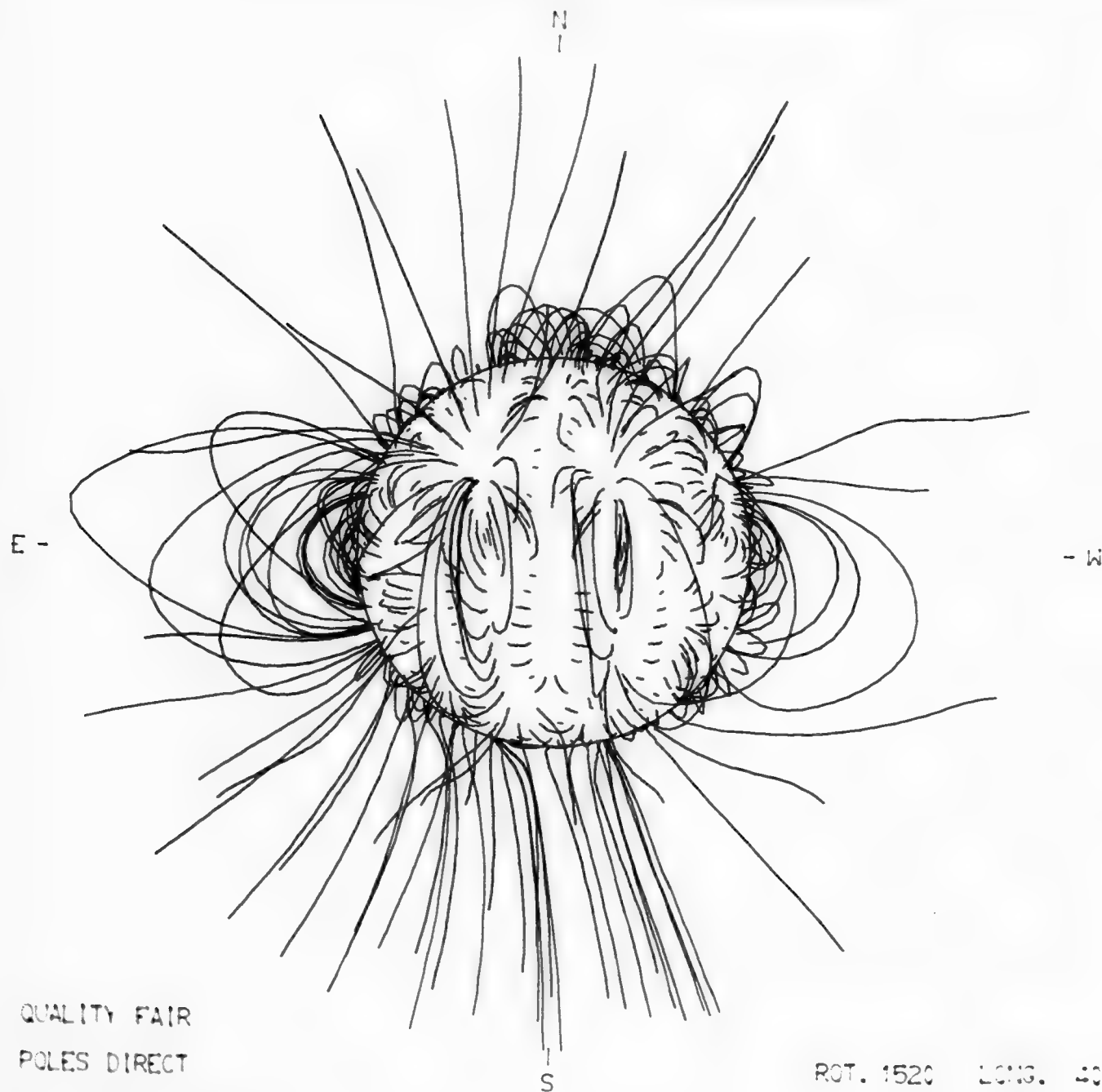
DATA WINDOW 1520.47

S

ROT. 1520 LONG. 51°

11.6 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

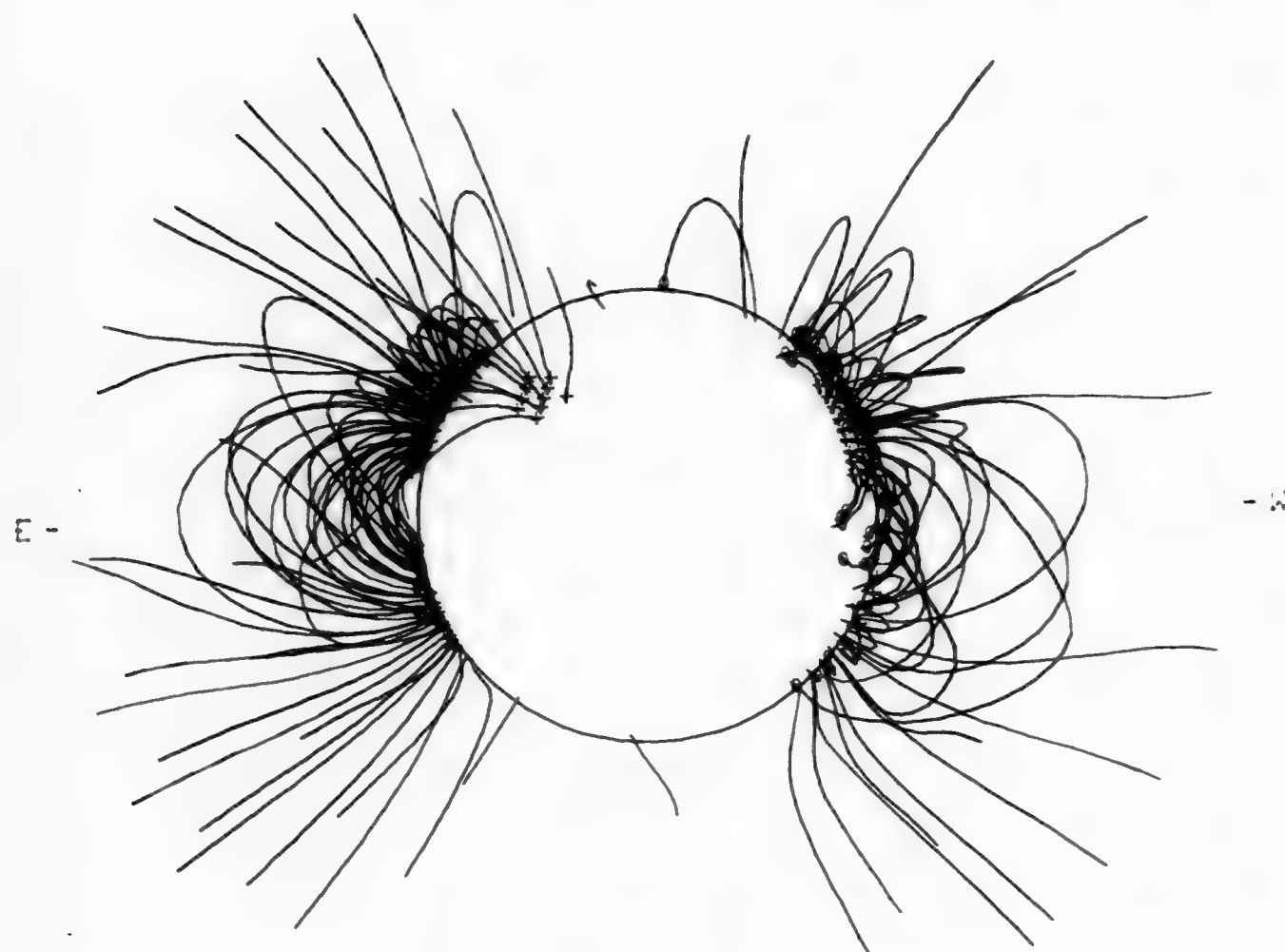
POLES DIRECT

DATA WINDOW 1520.47

ROT. 1520 LONG. 40°

12.4 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

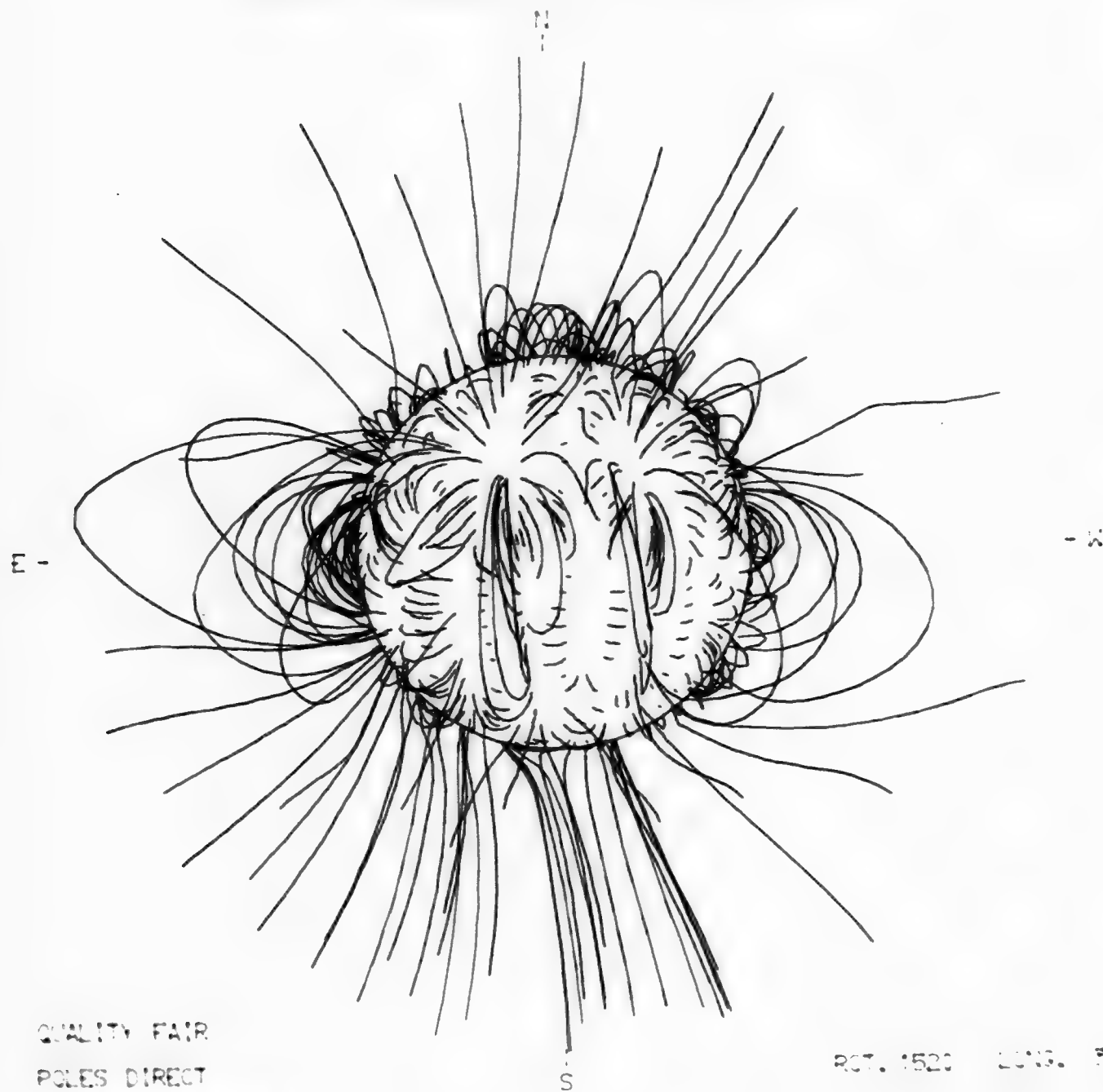
POLES DIRECT

DATA WINDOW 1520.47

S

ROT. 1520 LONG. 41°
12.4 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



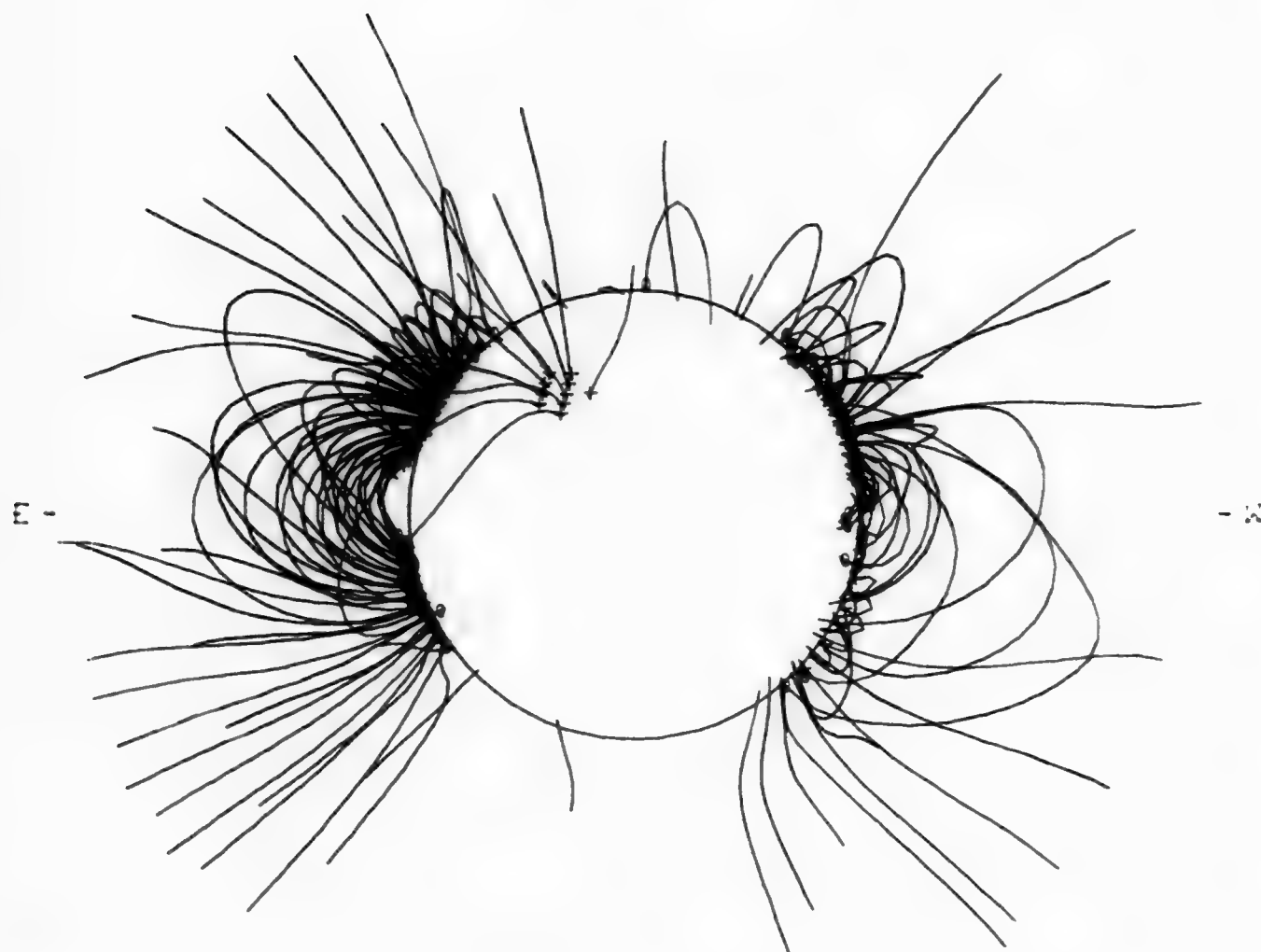
QUALITY FAIR

POLES DIRECT

DATA WINDOW 1520.47

ROT. 1520 LONG. 30°
13.2 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

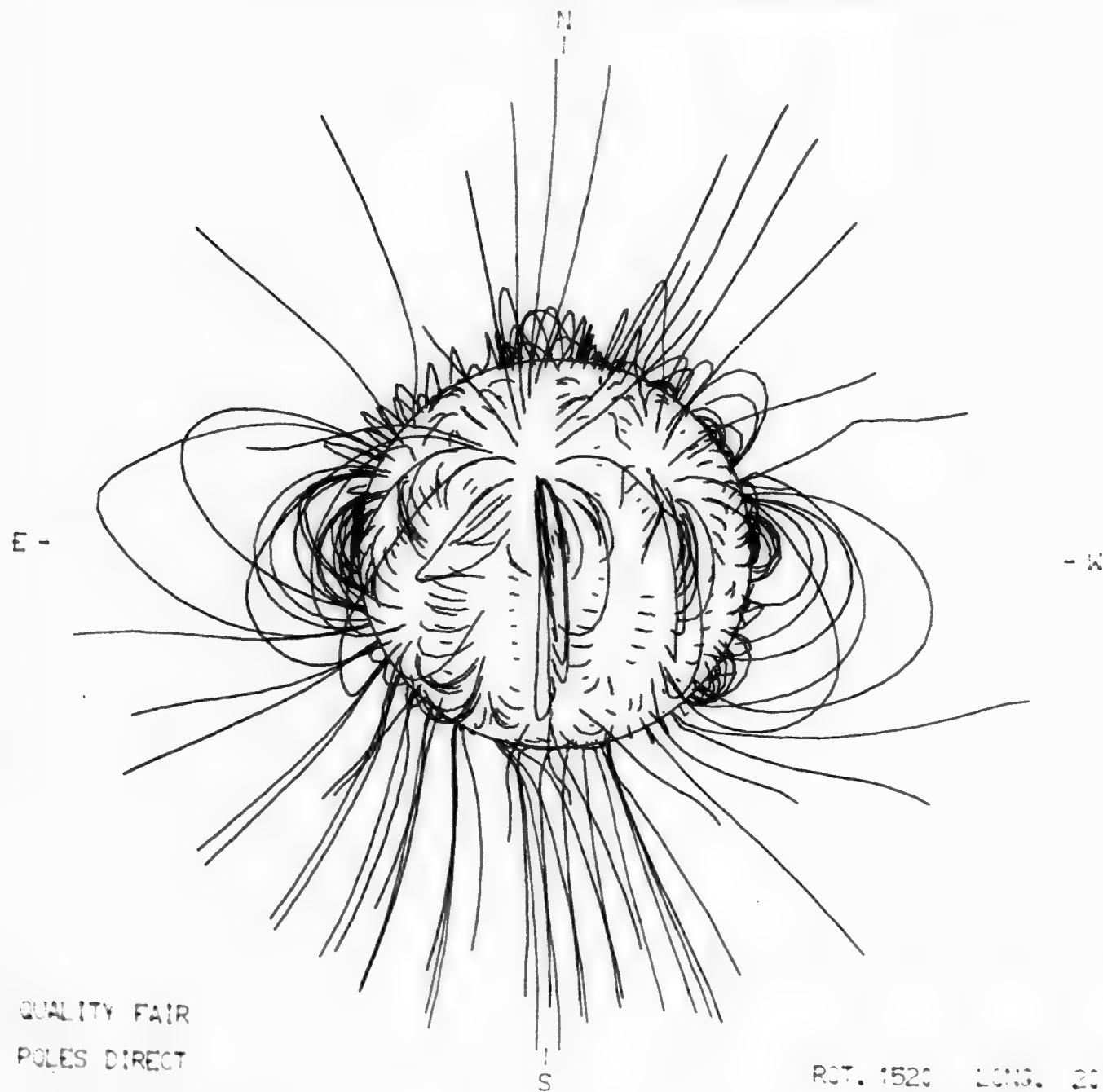
DATA WINDOW 1520.47

1
S

RUT. 1520 LONG. 30°

13.2 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

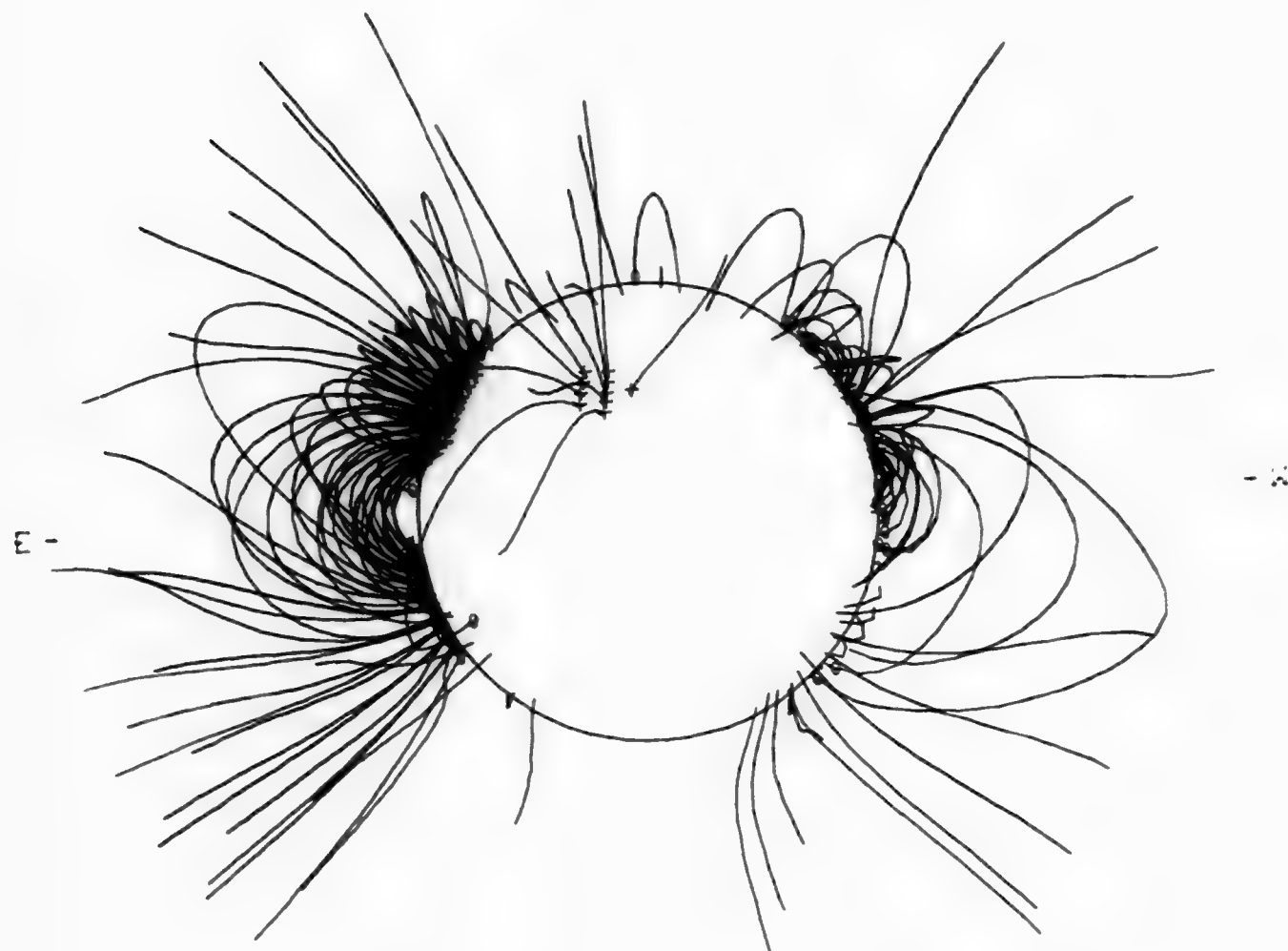
POLES DIRECT

DATA WINDOW 1520.47

ROT. 1520 LONG. 20°

13.9 MAY 1967

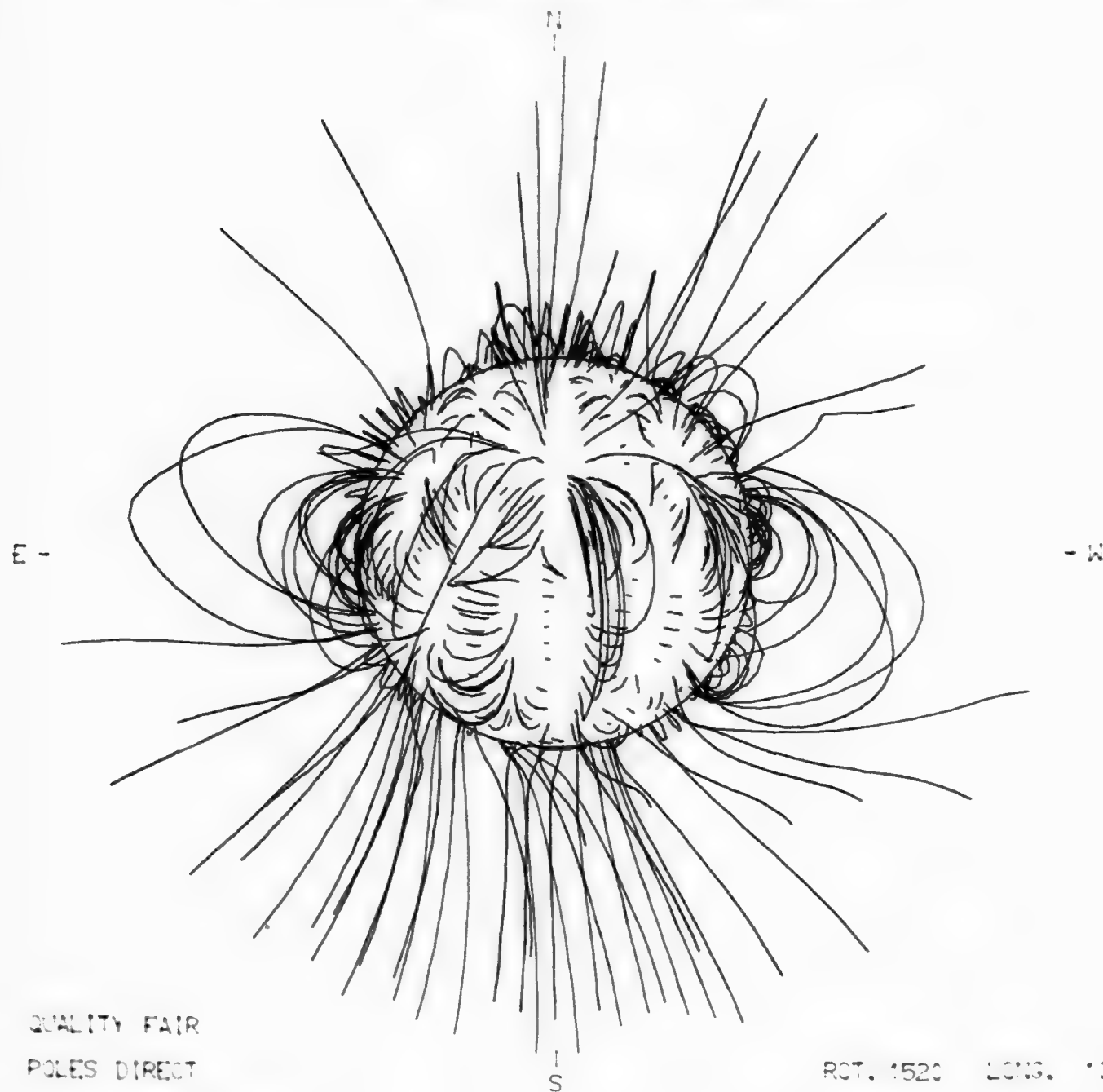
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
 POLES DIRECT
 DATA WINDOW 1520.47

ROT. 1520 LONG. 21°
 13.9 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

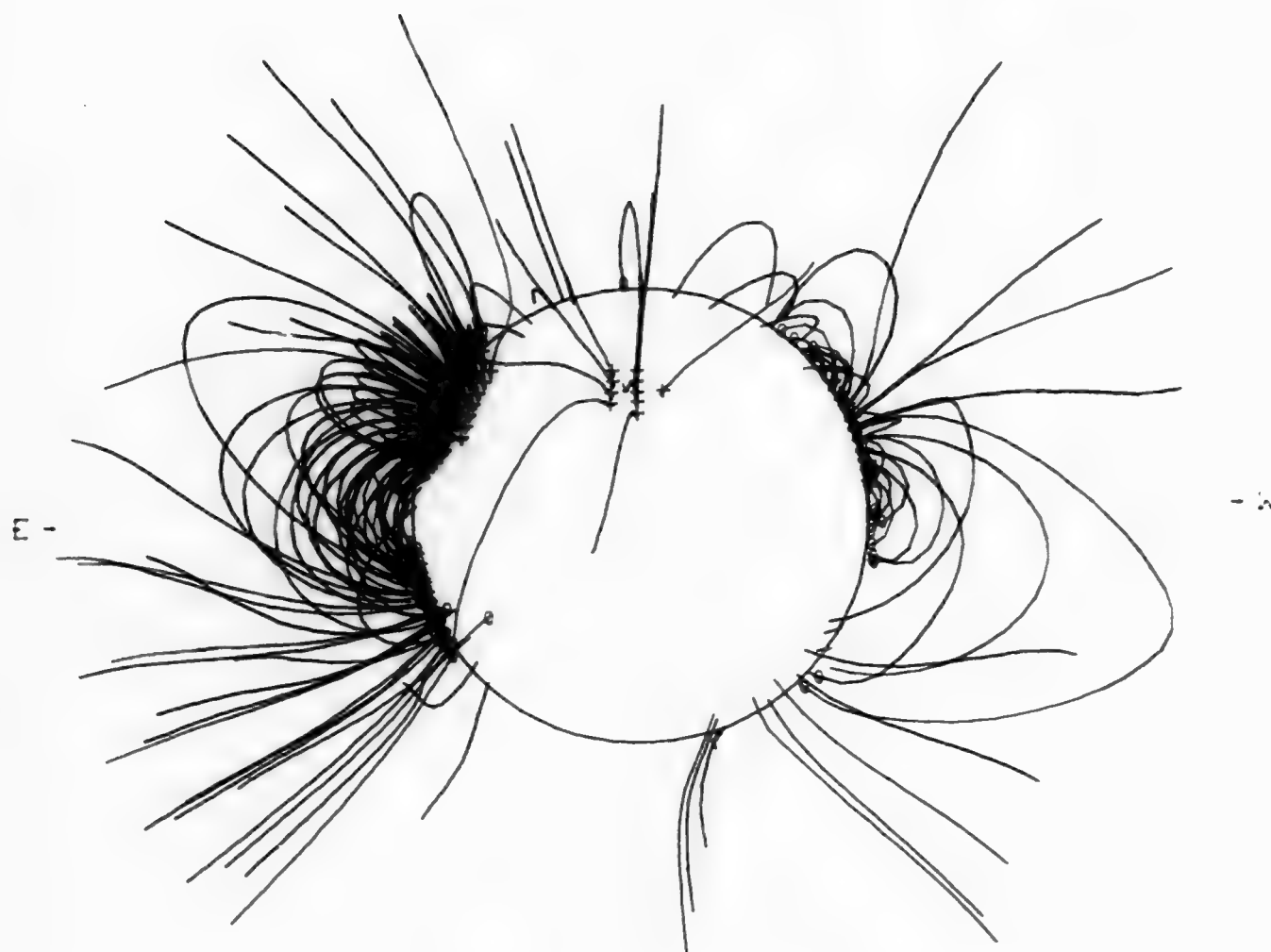
DATA WINDOW 1520.47

ROT. 1520 LONG. 10°

14.7 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

11



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1520.47

1
S

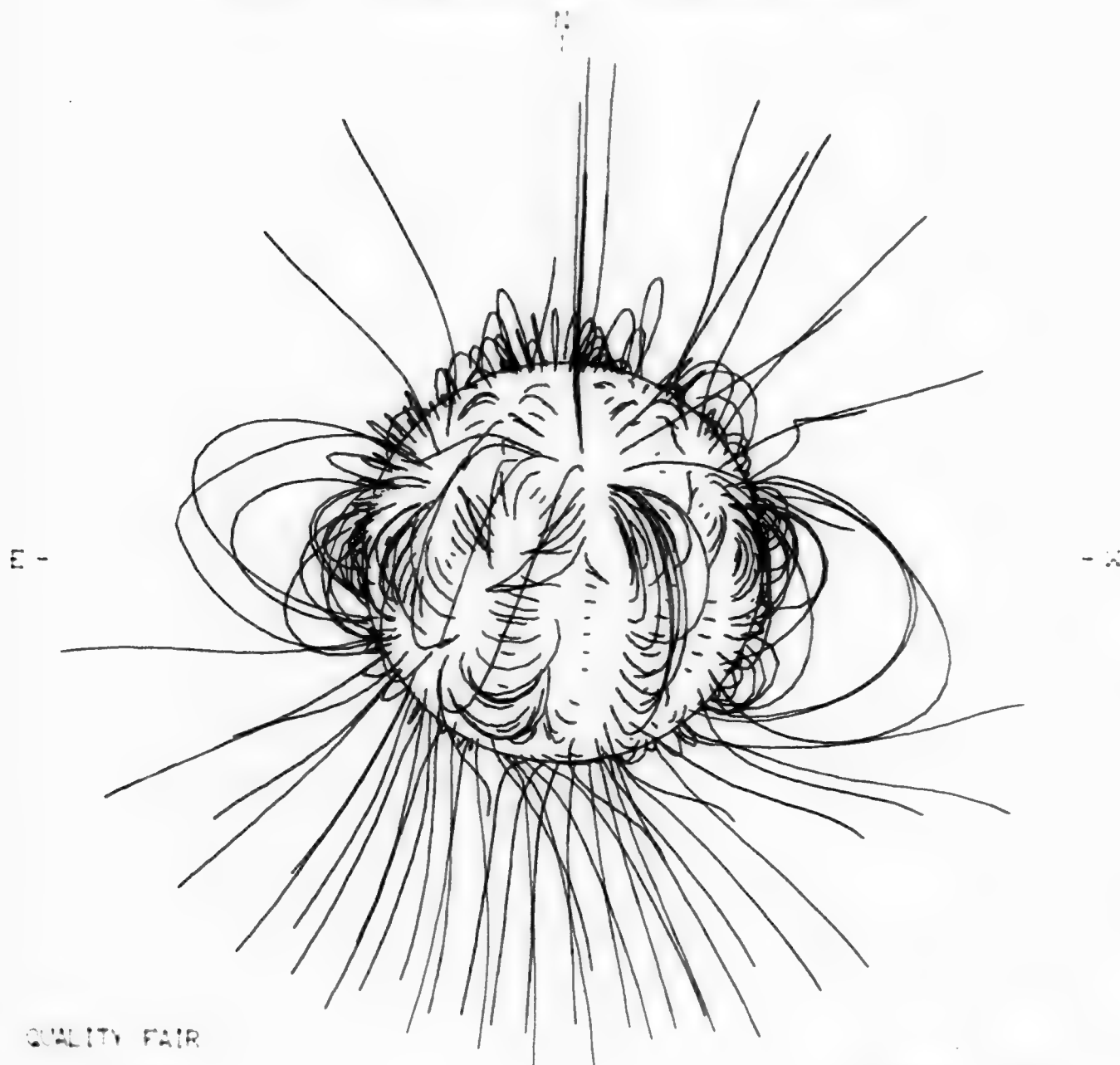
ROT. 1520

LONG. 11°

14.7 MAY

1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

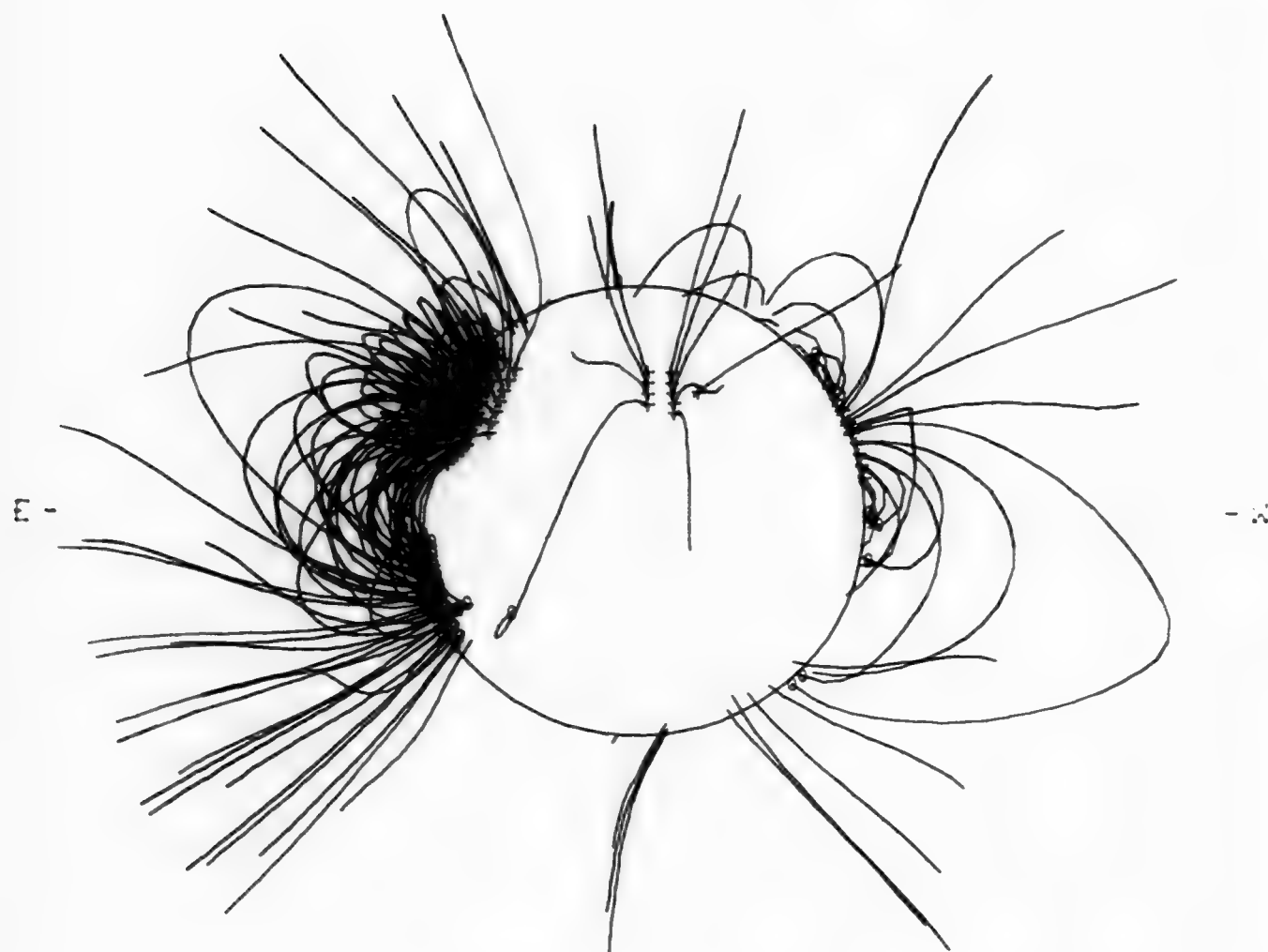
POLES DIRECT

DATA WINDOW 1520.47

S

ROT. 1520 LONG. 15.4 MAY 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

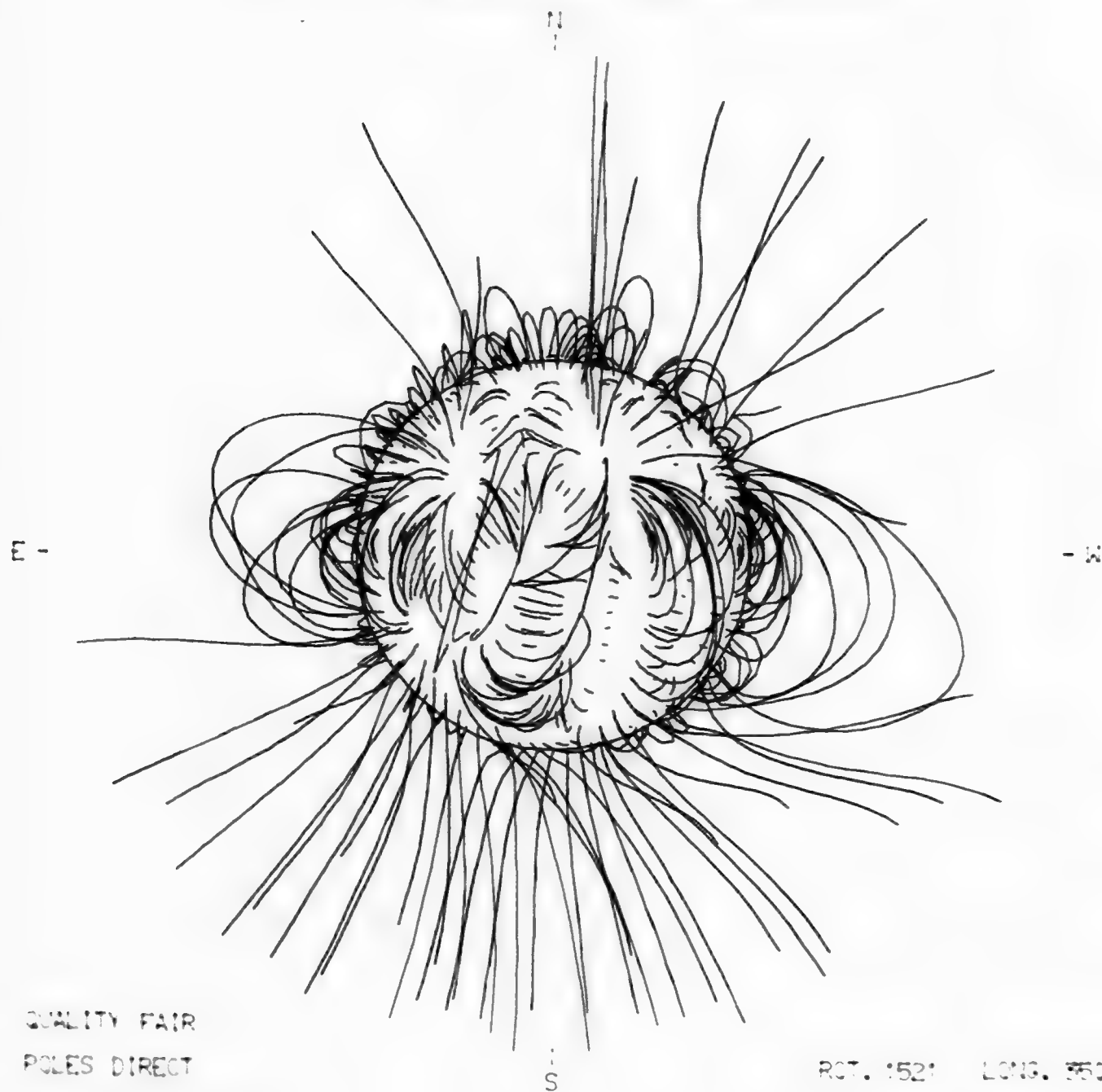
DATA WINDOW 1520.47

1
S

RCT. 1520 LONG. 1°

15.4 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

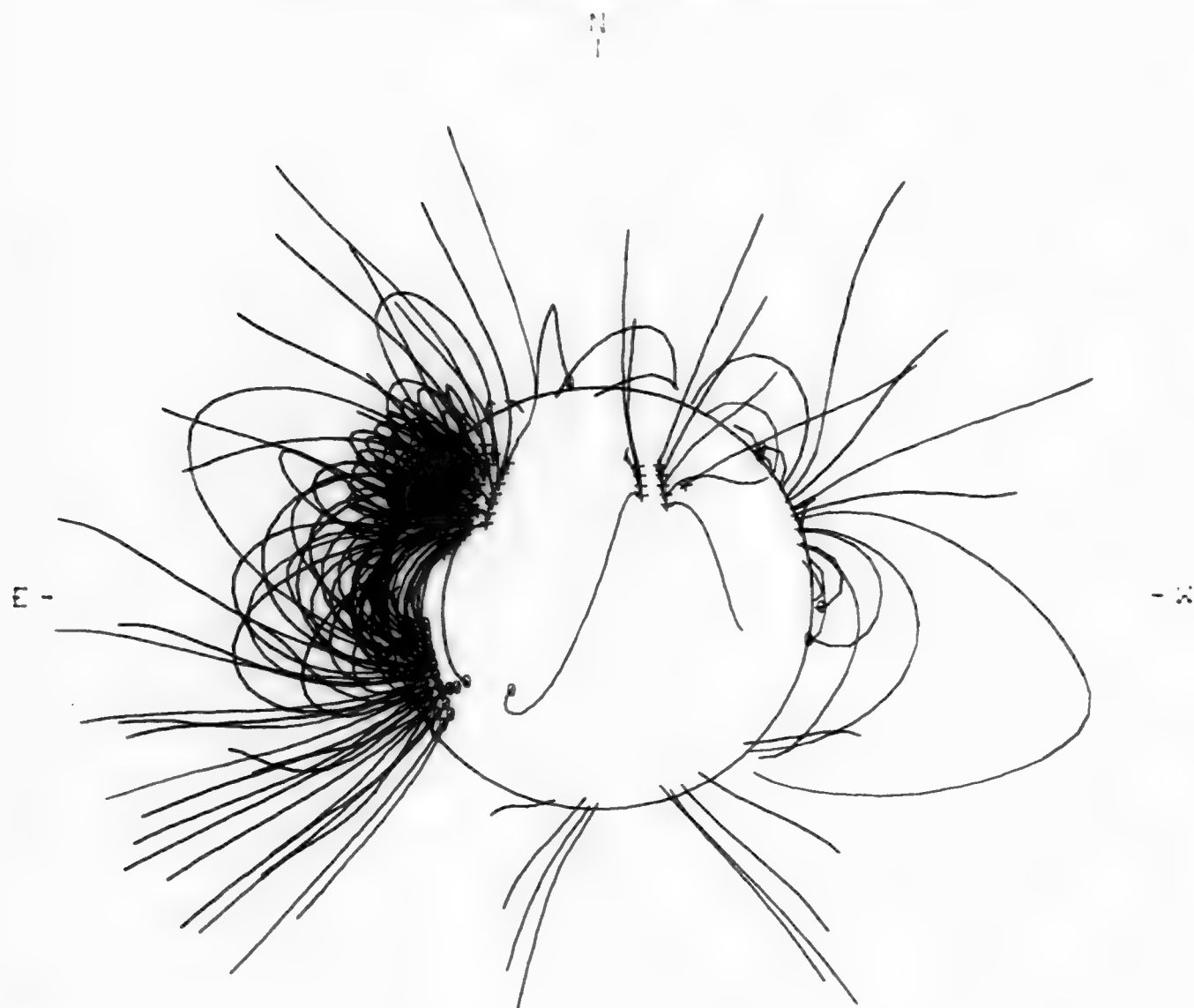
POLES DIRECT

DATA WINDOW 1520.47

ROT. 1521 LONG. 350°

16.2 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

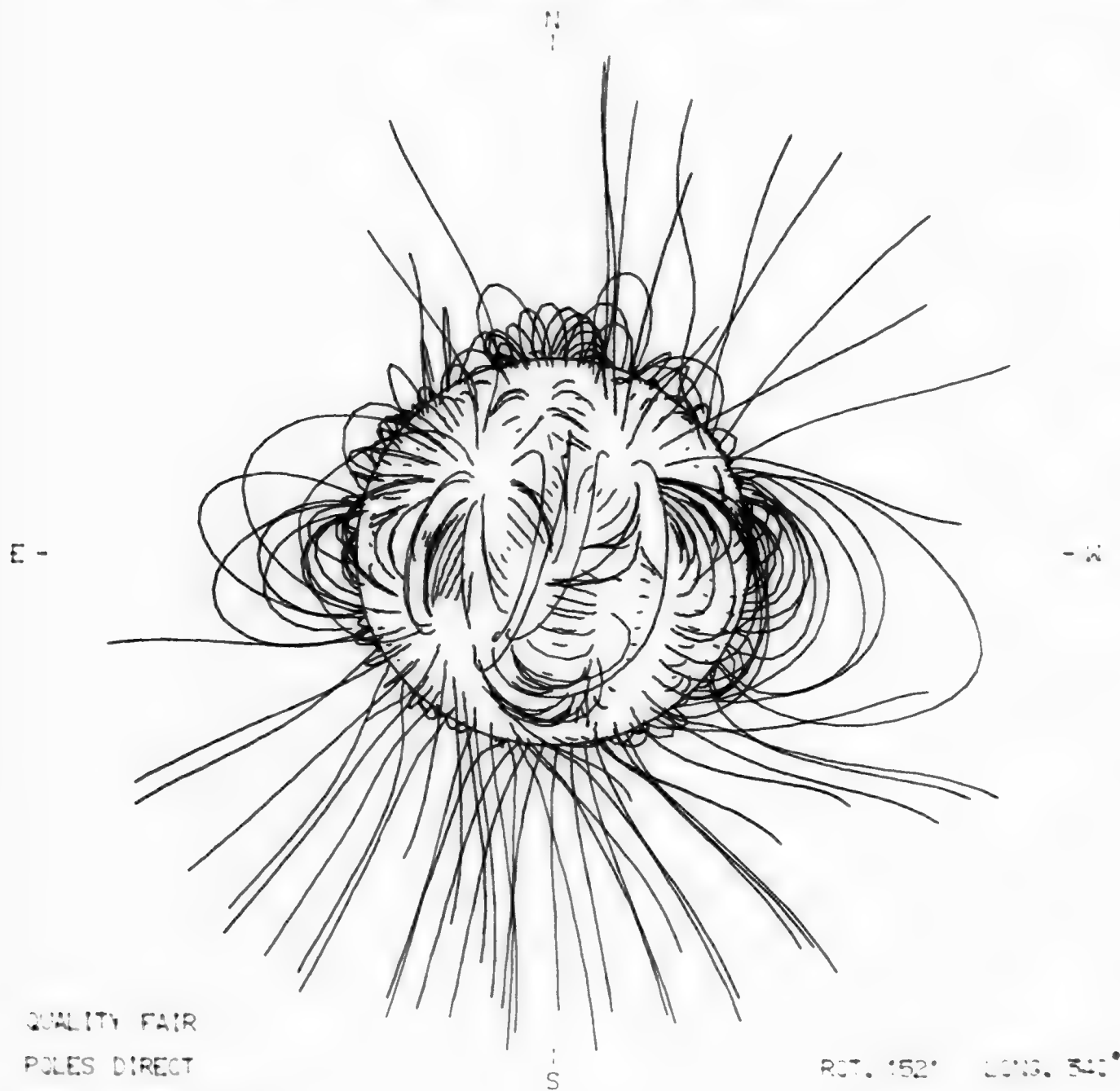
DATA WINDOW 1520.47

S

ROT. 1521 LONG. 351°

16.2 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

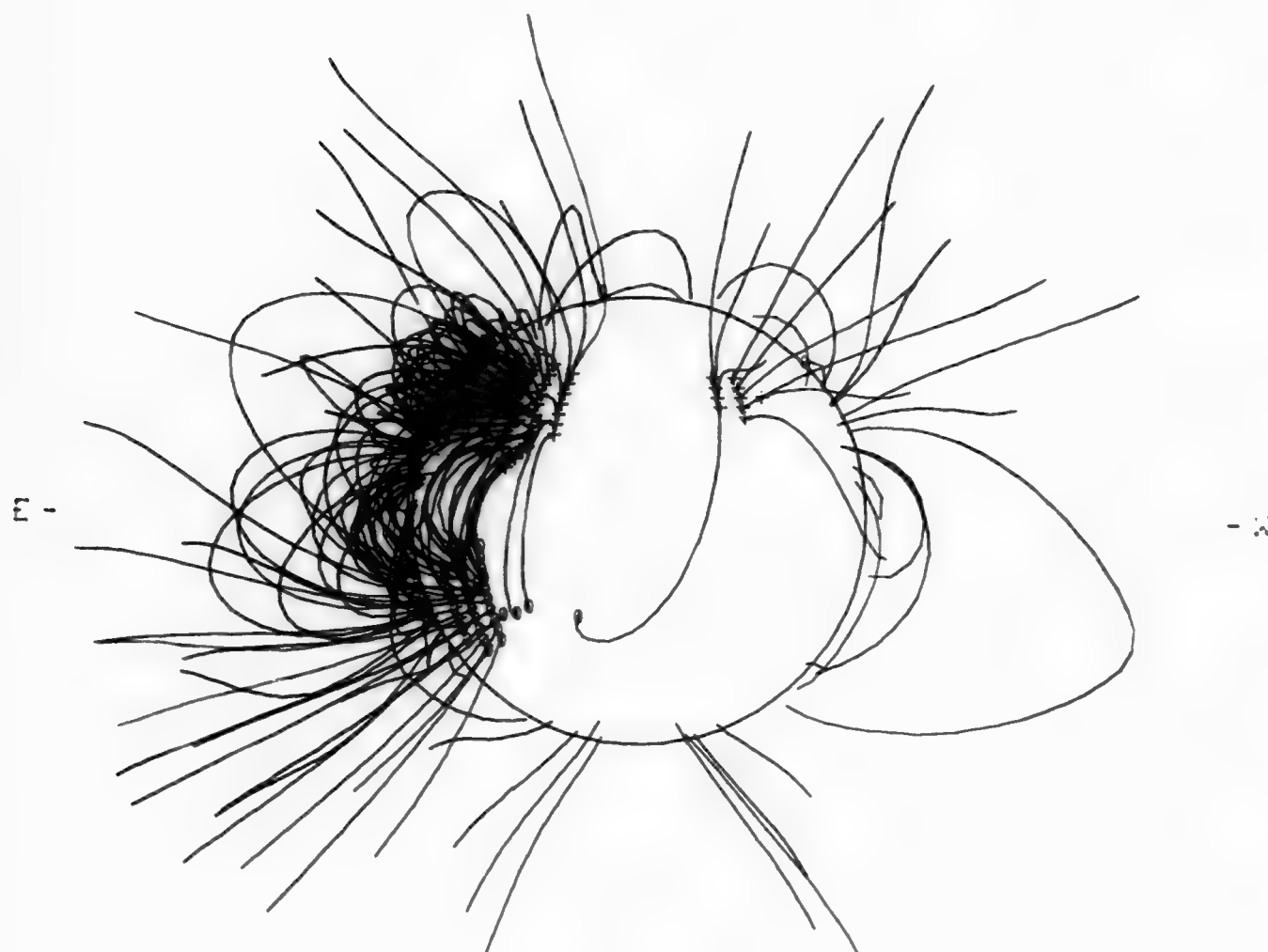
DATA WINDOW 1520.47

ROT. 152° LONG. 341°

16.9 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

11
1



QUALITY FAIR

POLES DIRECT

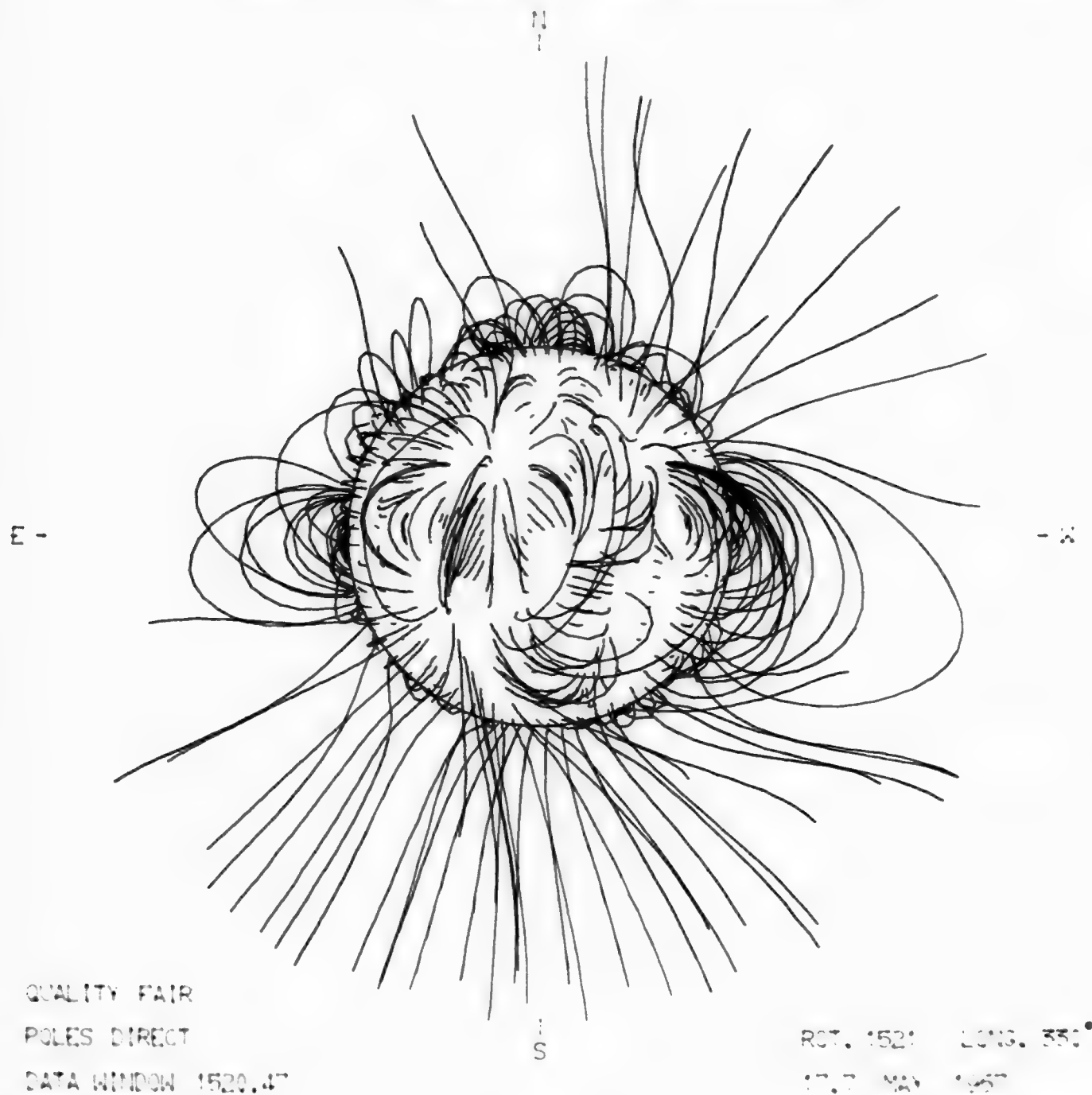
DATA WINDOW 1520.47

1
S

ROT. 152° LONG. 340°

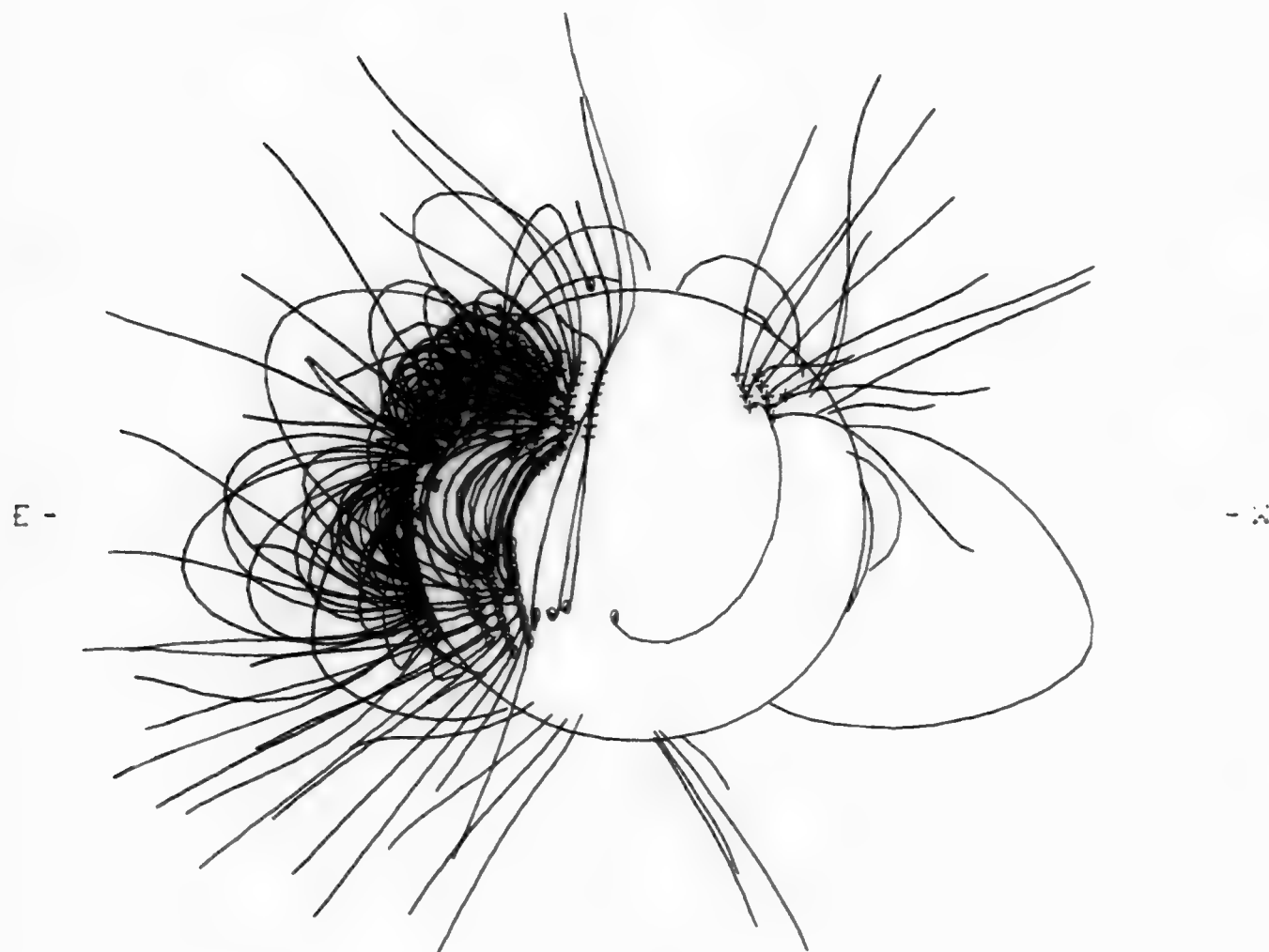
16.9 MAR 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

11
1



QUALITY FAIR

POLES DIRECT

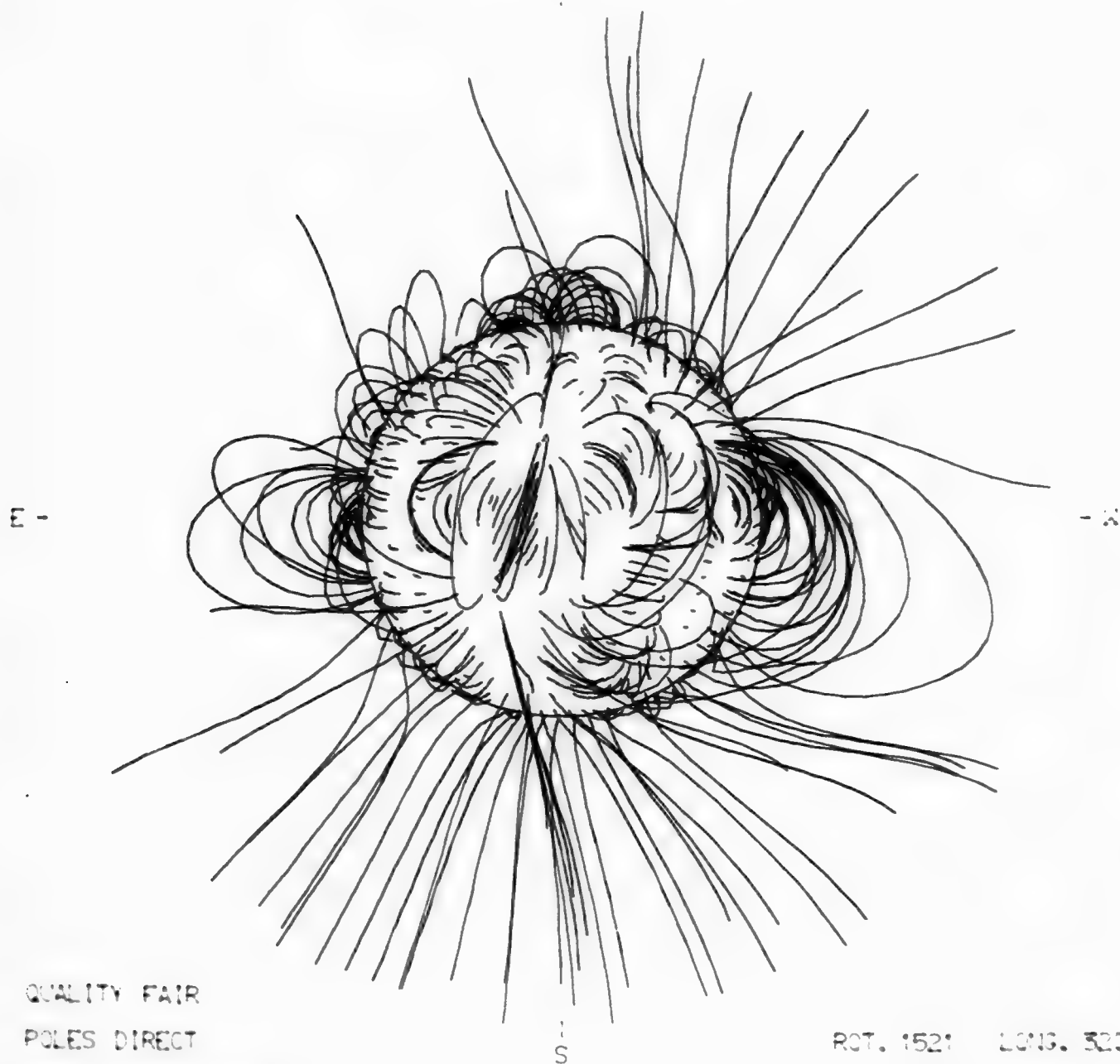
DATA WINDOW 1520.47

1
S

ROT. '52' LONG. 330°

17.7 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

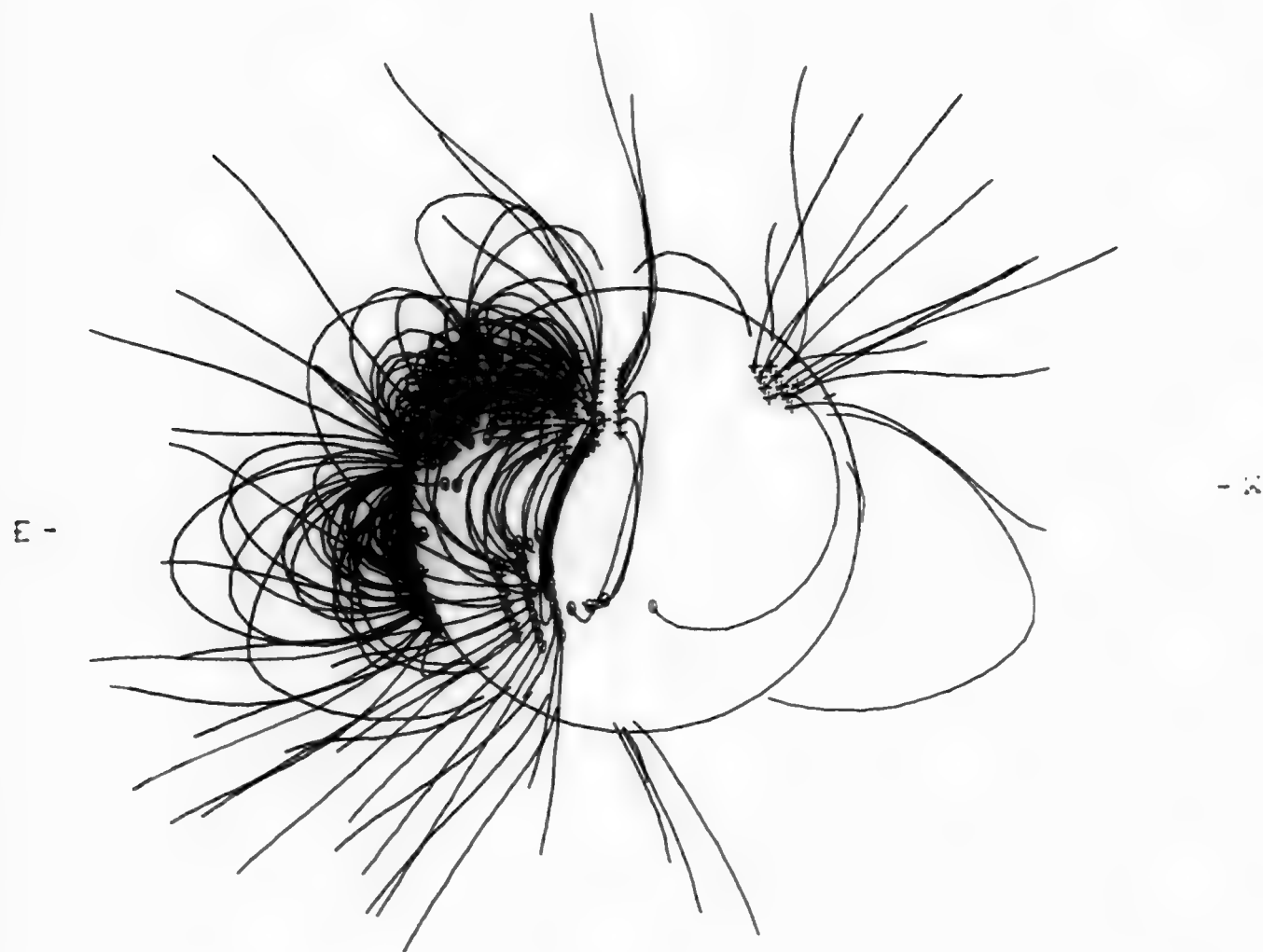
POLES DIRECT

DATA WINDOW 1520.47

ROT. 1521 LONG. 320°

18.5 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

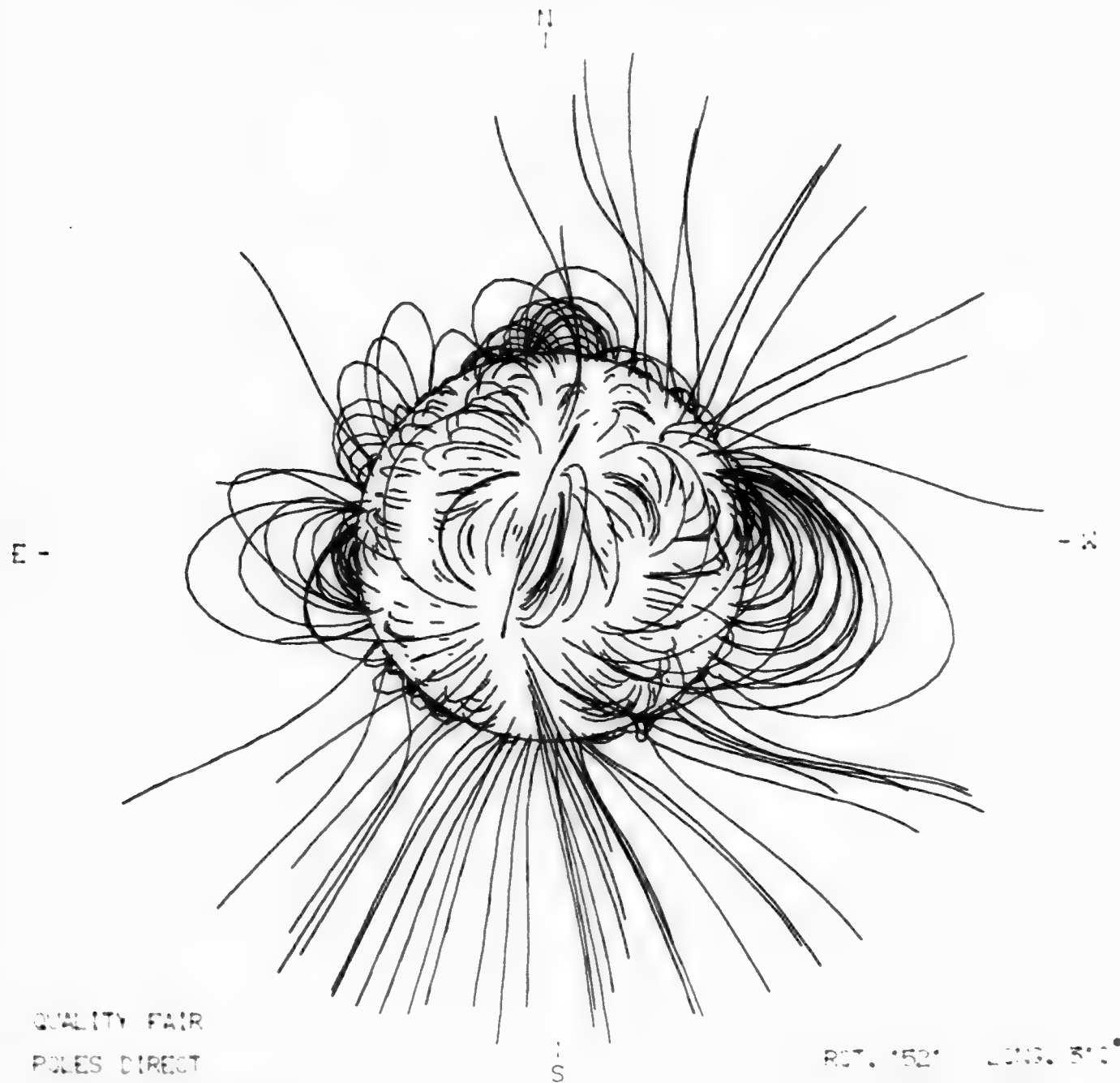


QUALITY FAIR
POLES DIRECT
DATA WINDOW 1520.47

S

ROT. 1521 LONG. 520°
18.5 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



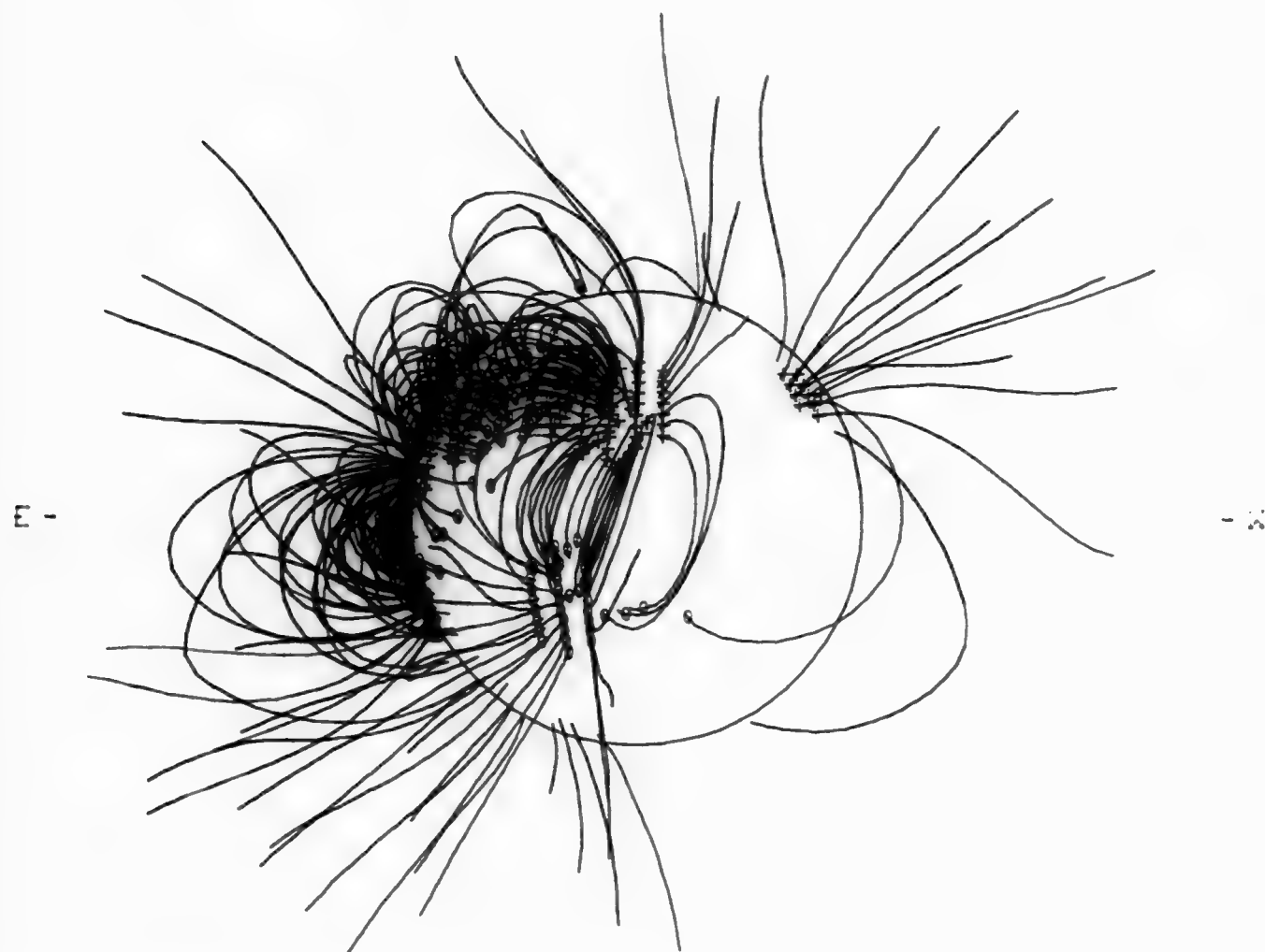
QUALITY FAIR

POLES DIRECT

DATA WINDOW 1520.47

ROT. '52' LONG. 5'1°
19.2 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1520.47

S

RCT. 1521 LONG. 3°0'

19.2 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



- W

S

QUALITY FAIR

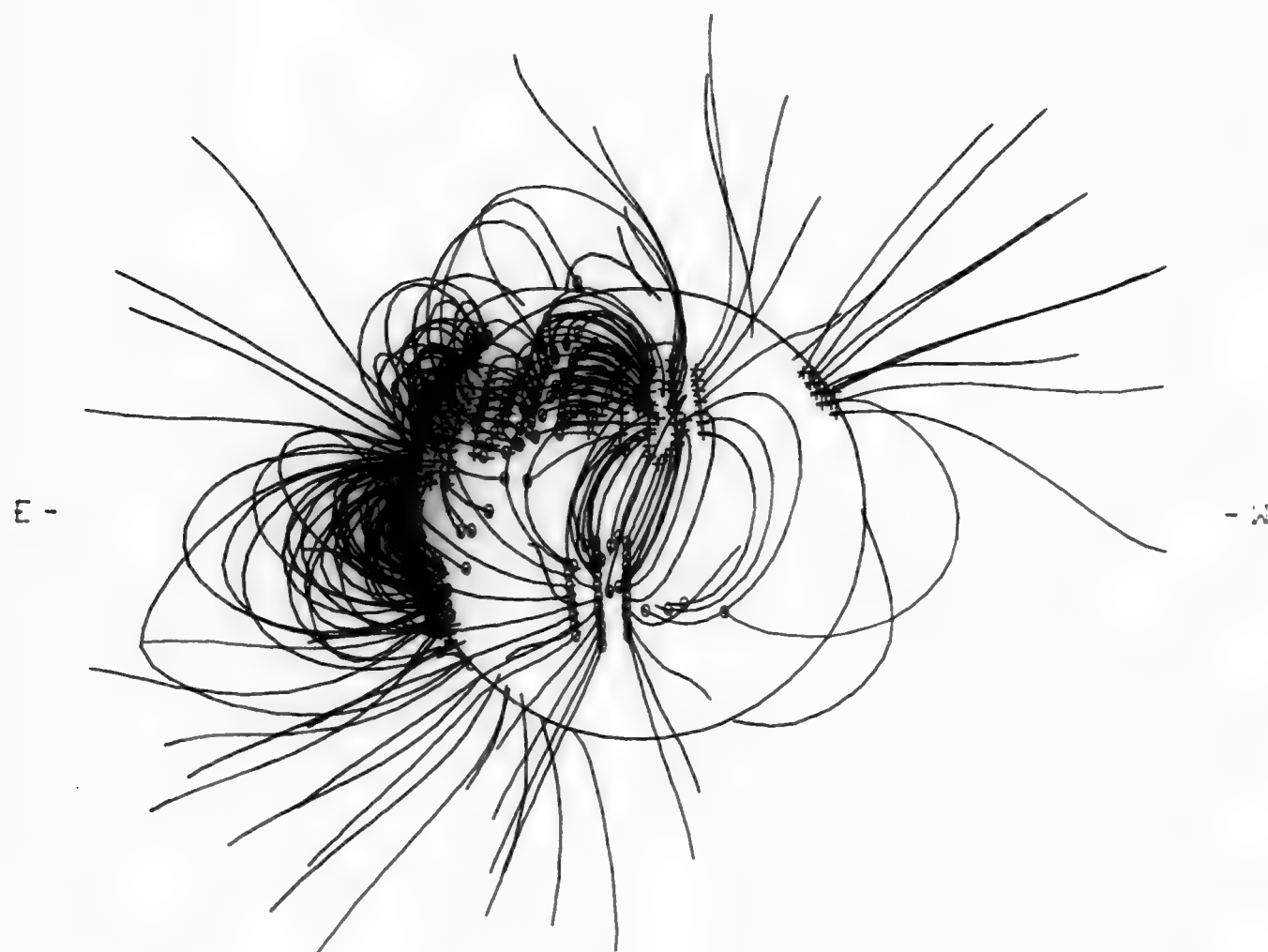
POLES DIRECT

DATA WINDOW 1520.47

ROT. '52: LONG. 300°

20.0 MAY '95

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1520.47

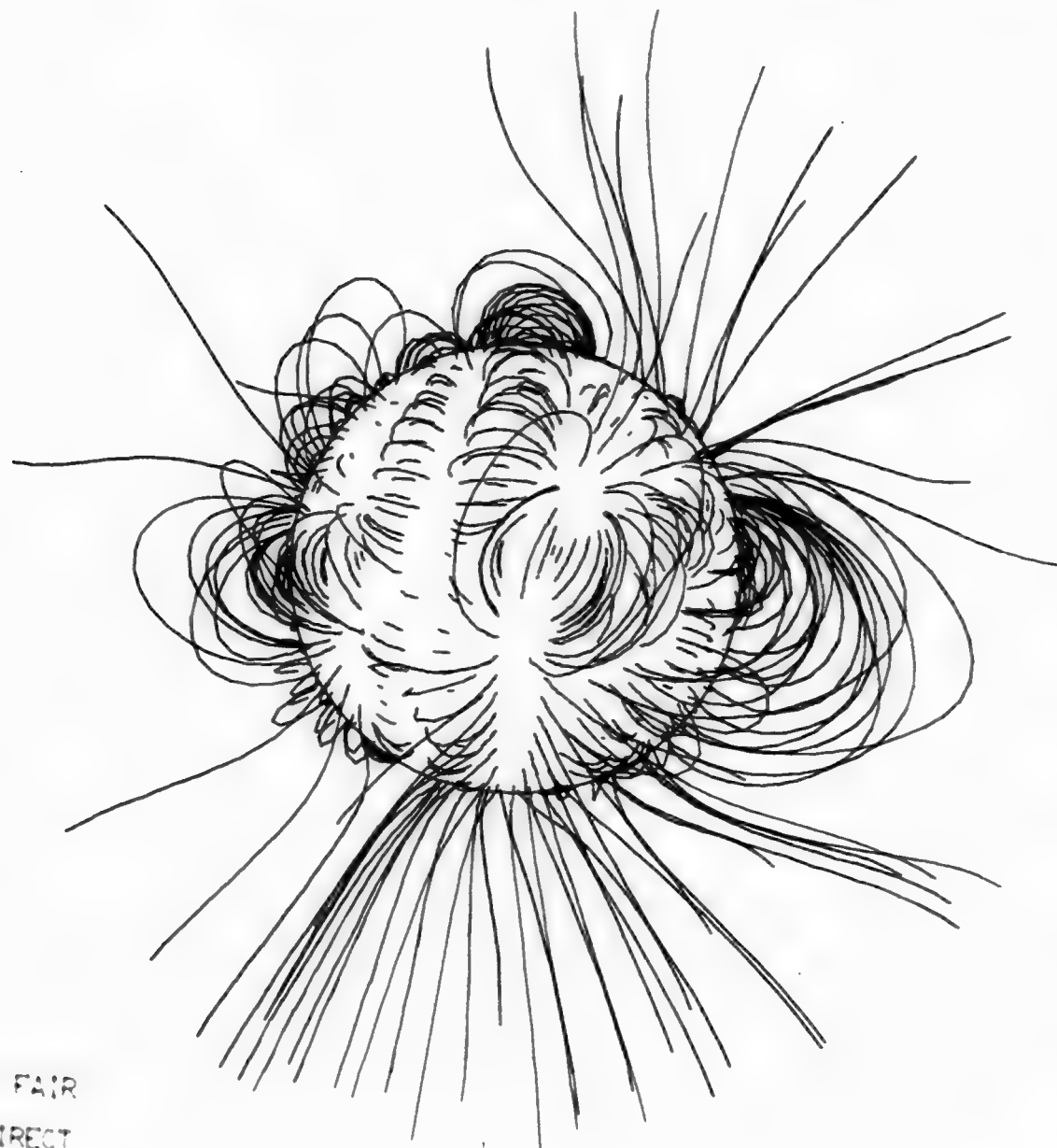
1
S

ROT. 1521 LONG. 300°

20.0 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



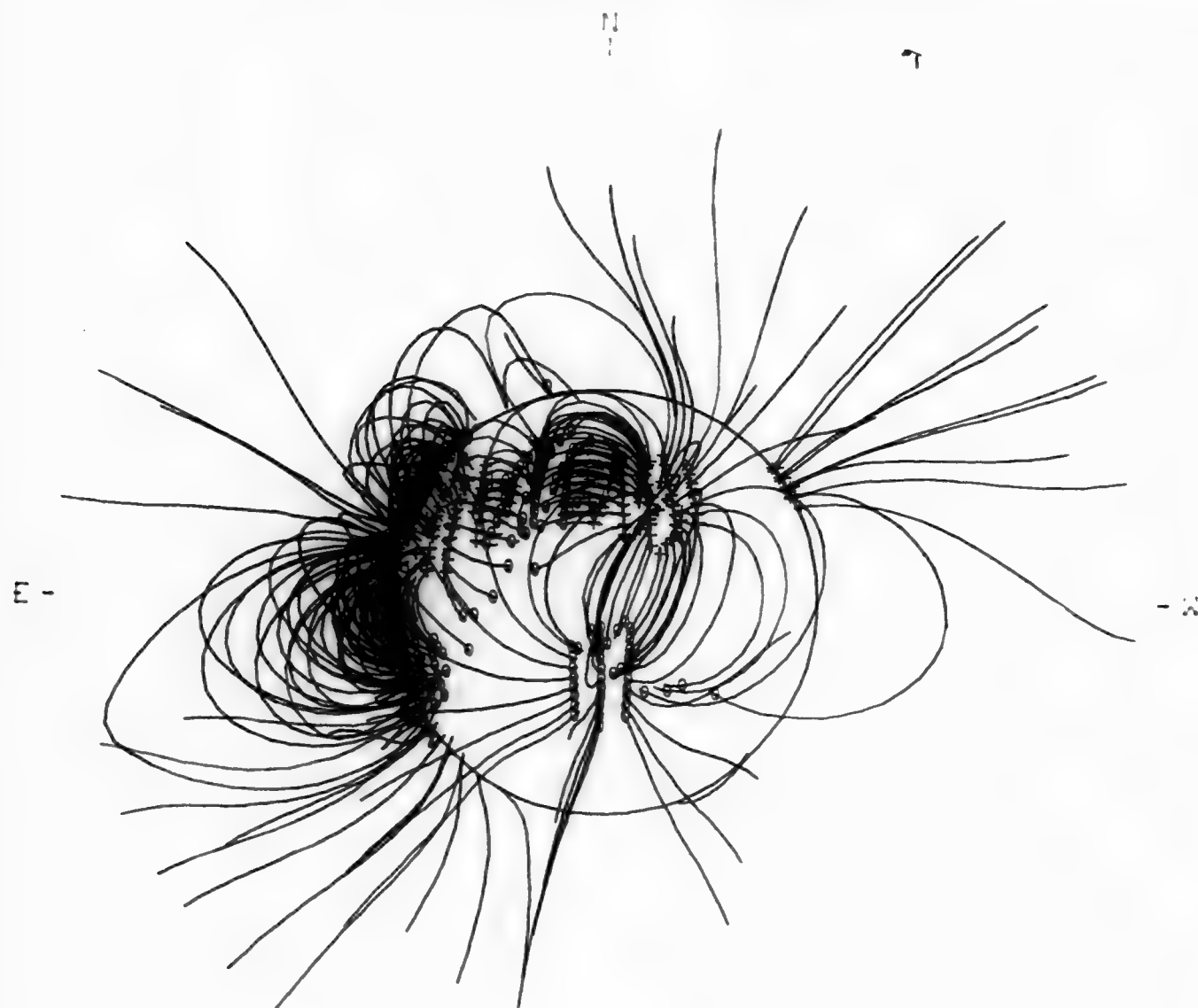
- 8

QUALITY FAIR
POLES DIRECT
DATA WINDOW 1520.57

S

ROT. 1521 LONG. 290°
20.7 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

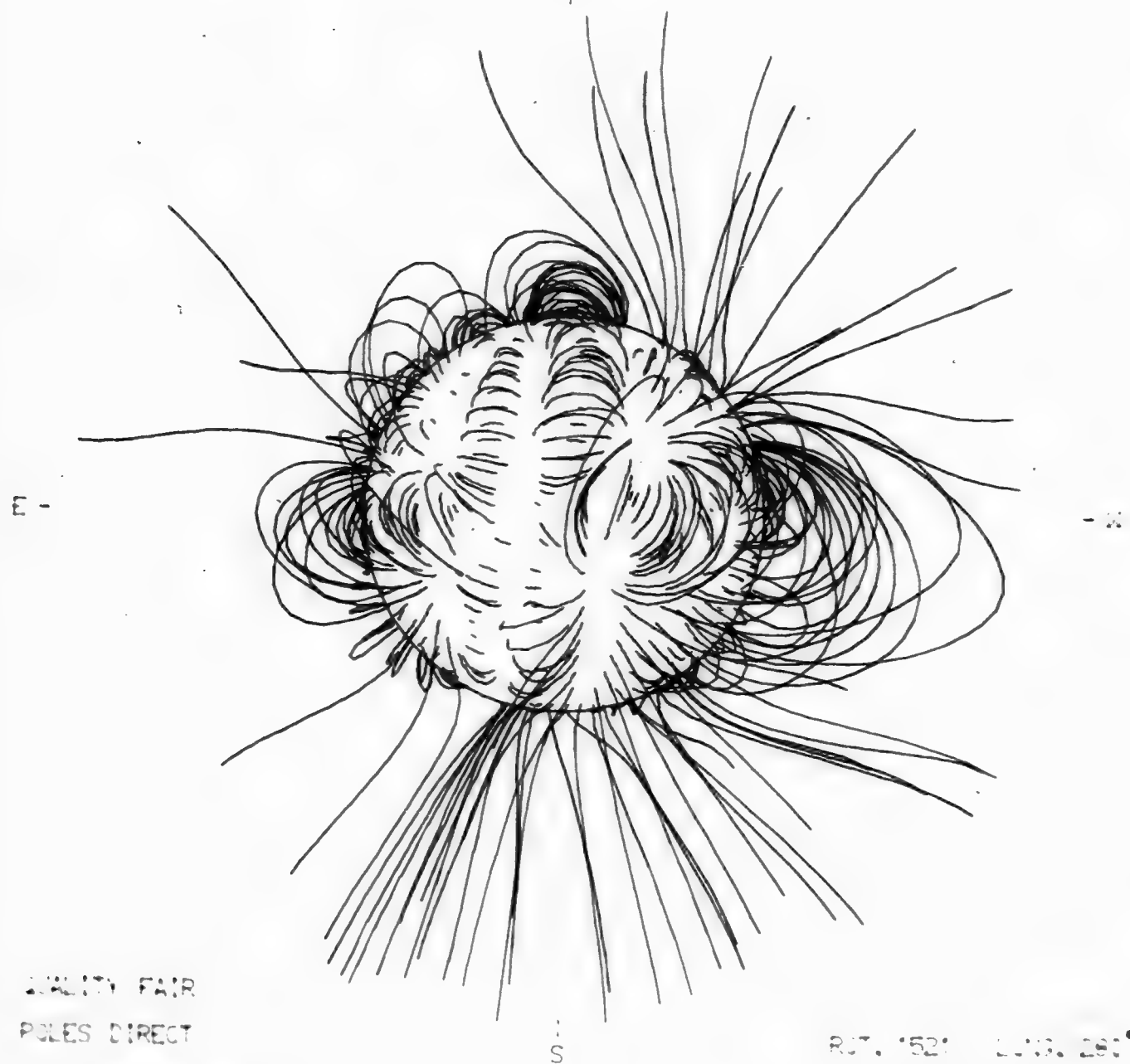
DATA WINDOW 1500.47

S

RCT. 152° LONG. 241°

20.7 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

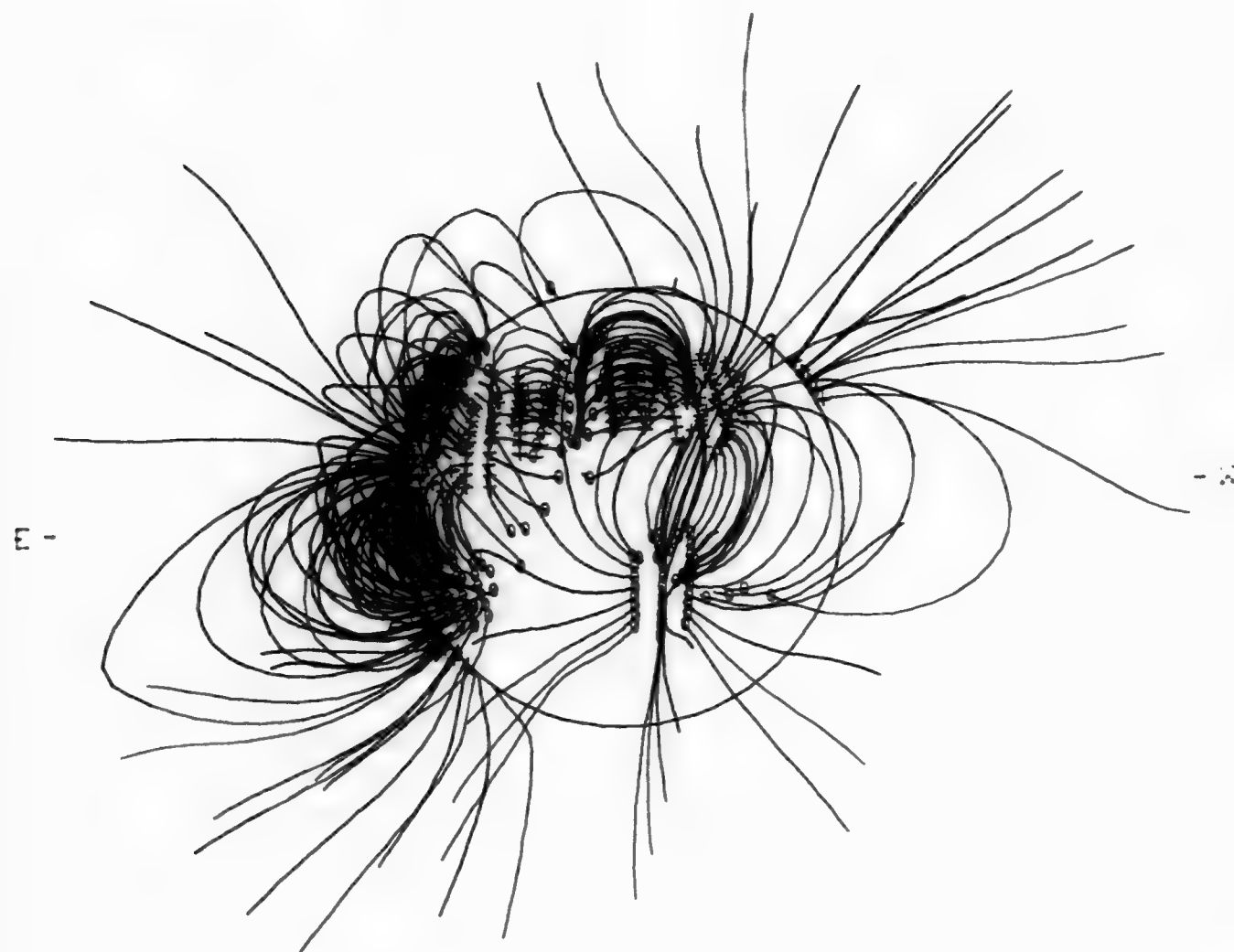
POLES DIRECT

DATA WINDOW 1520.47

RUT. 1521 100.281

21.5 100 100

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

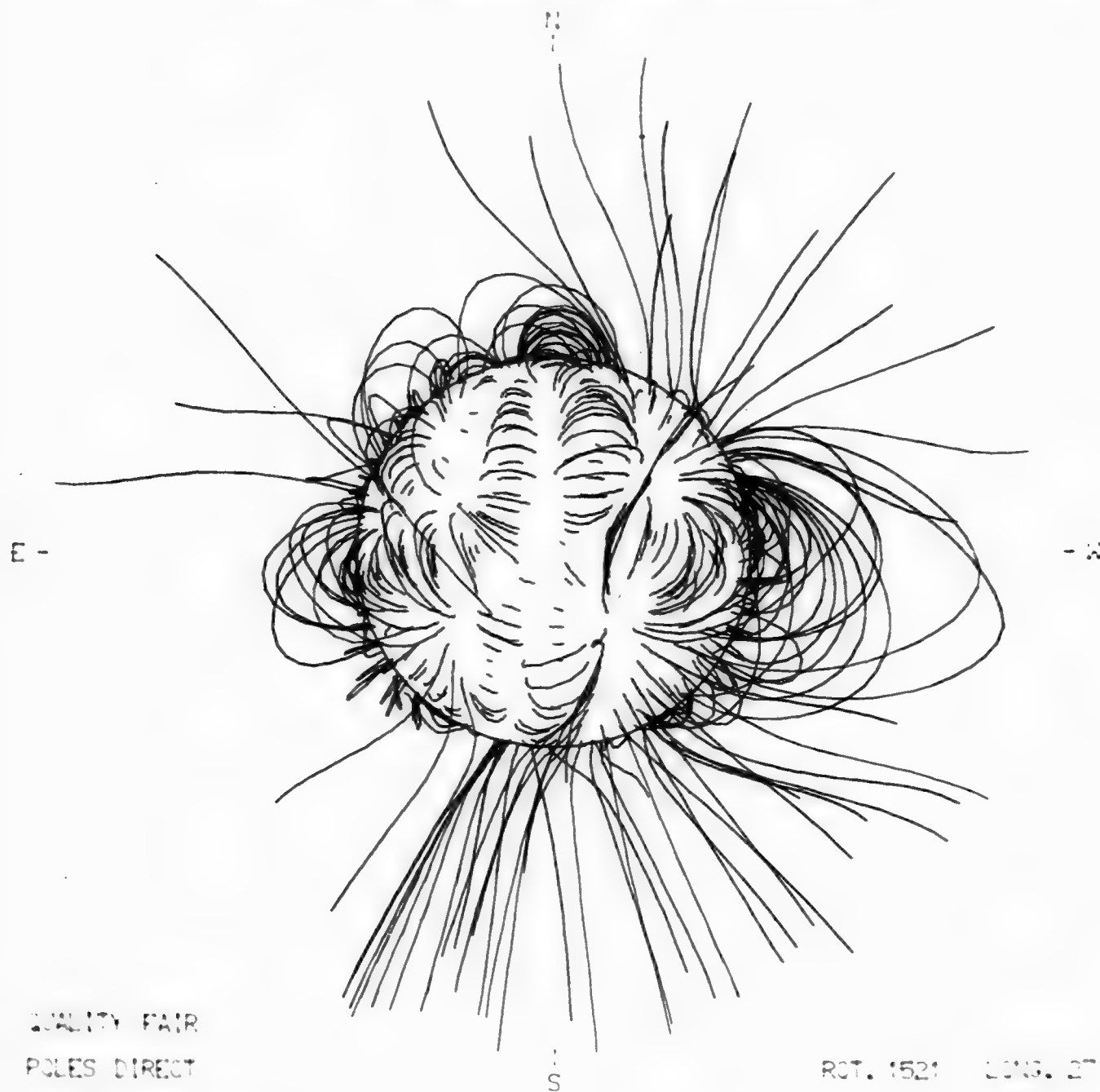


QUALITY FAIR
 POLES DIRECT
 DATA WINDOW 1520.47

S

RCT. 1521 LONG. 281°
 21.5 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

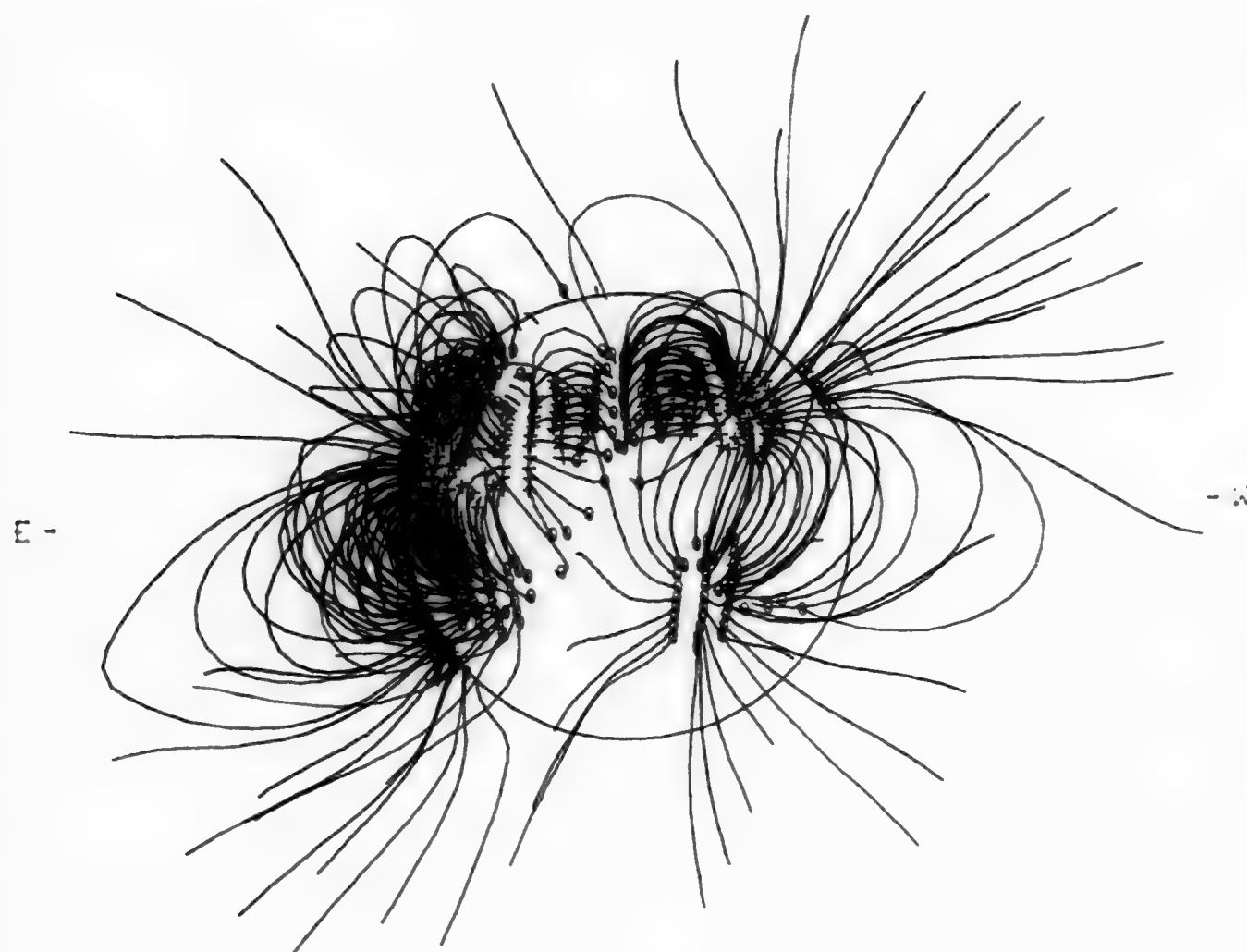
POLES DIRECT

DATA WINDOW 1520.47

ROT. 1521 LONG. 270°

22.2 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1520.47

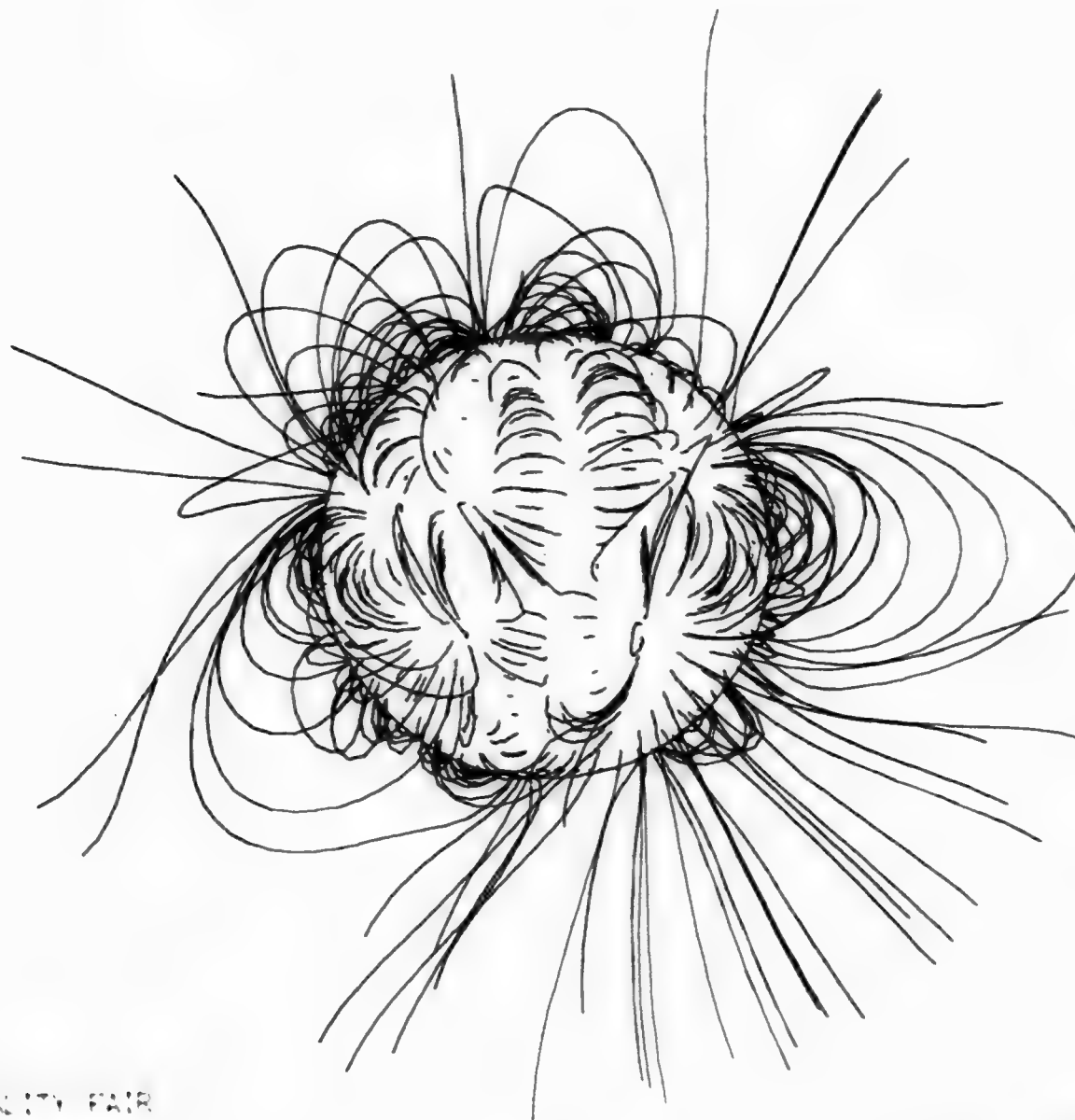
S

ROT. 1520 LONG. 270°

22.2 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



QUALITY FAIR

FILES DIRECT

DATA WINDOW 1521.00

S

R.T. 1521 1521.00
23.1 1521 1521

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1521.00

S

ROT. '52'

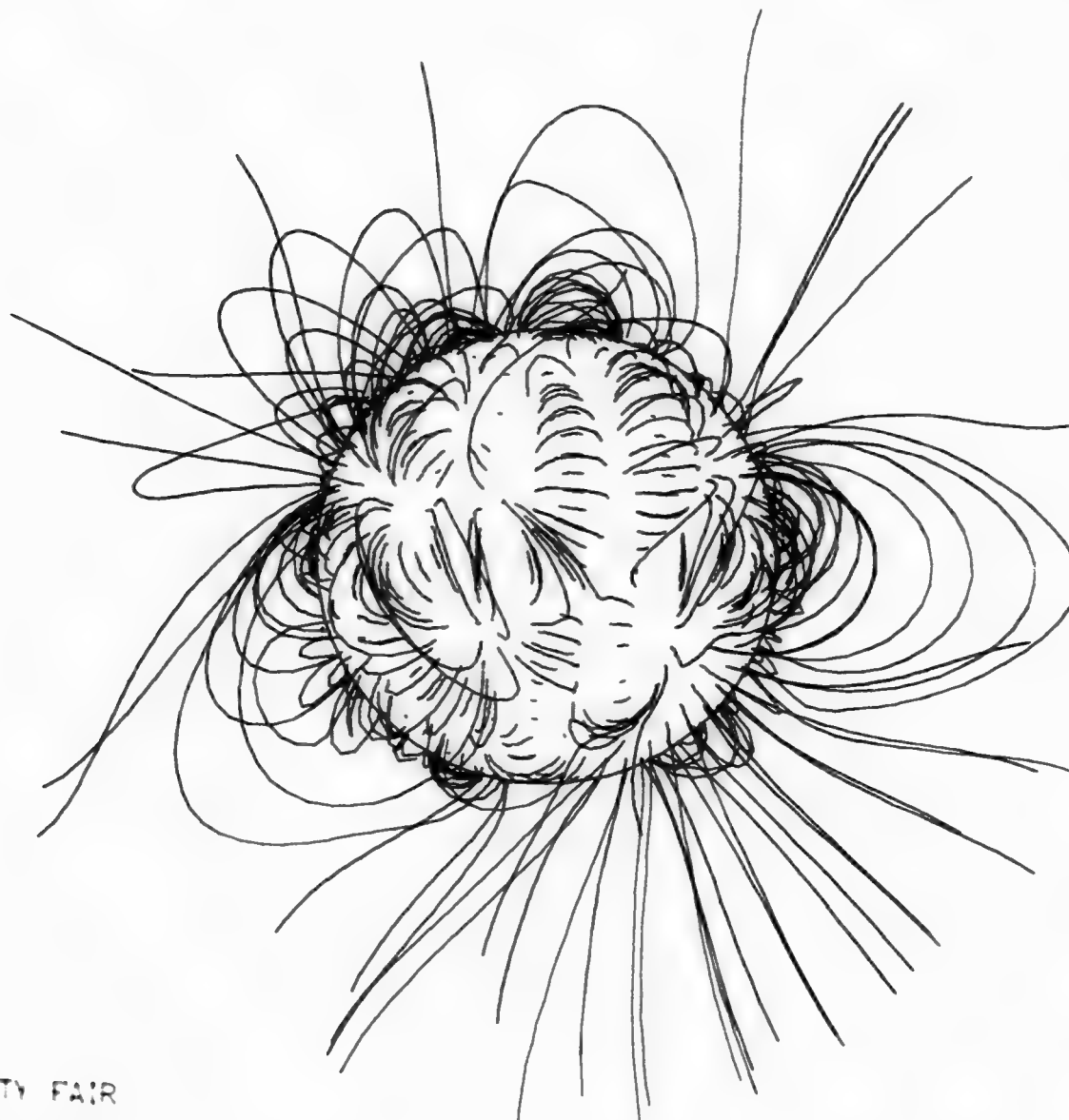
LONG. 251°

23.0 MAY

'957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



- W

QUALITY FAIR

POLES DIRECT

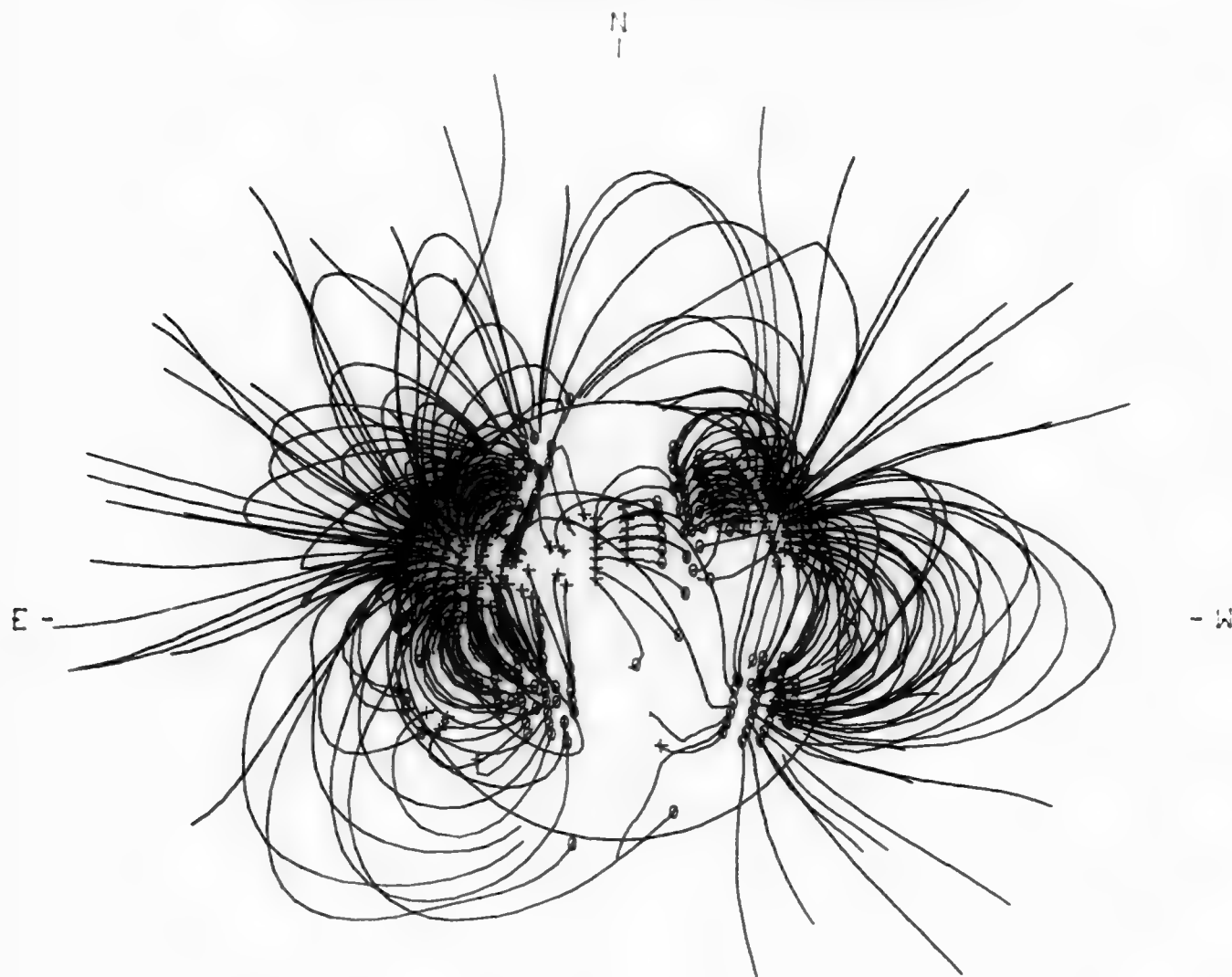
DATA WINDOW 1521.00

S

ROT. 1521 LONG. 251°

23.7 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

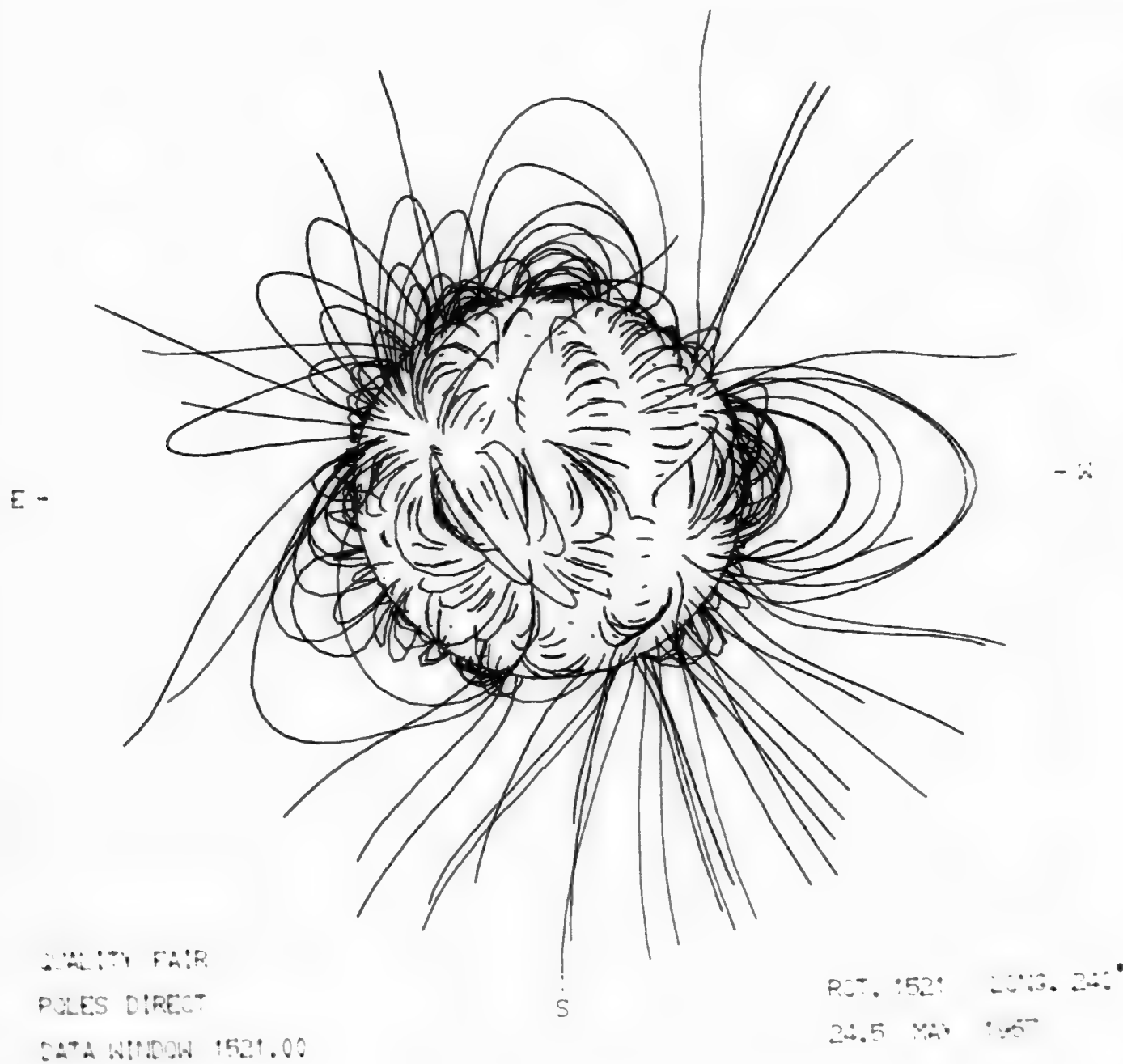
DATA WINDOW 1521.00

1
S

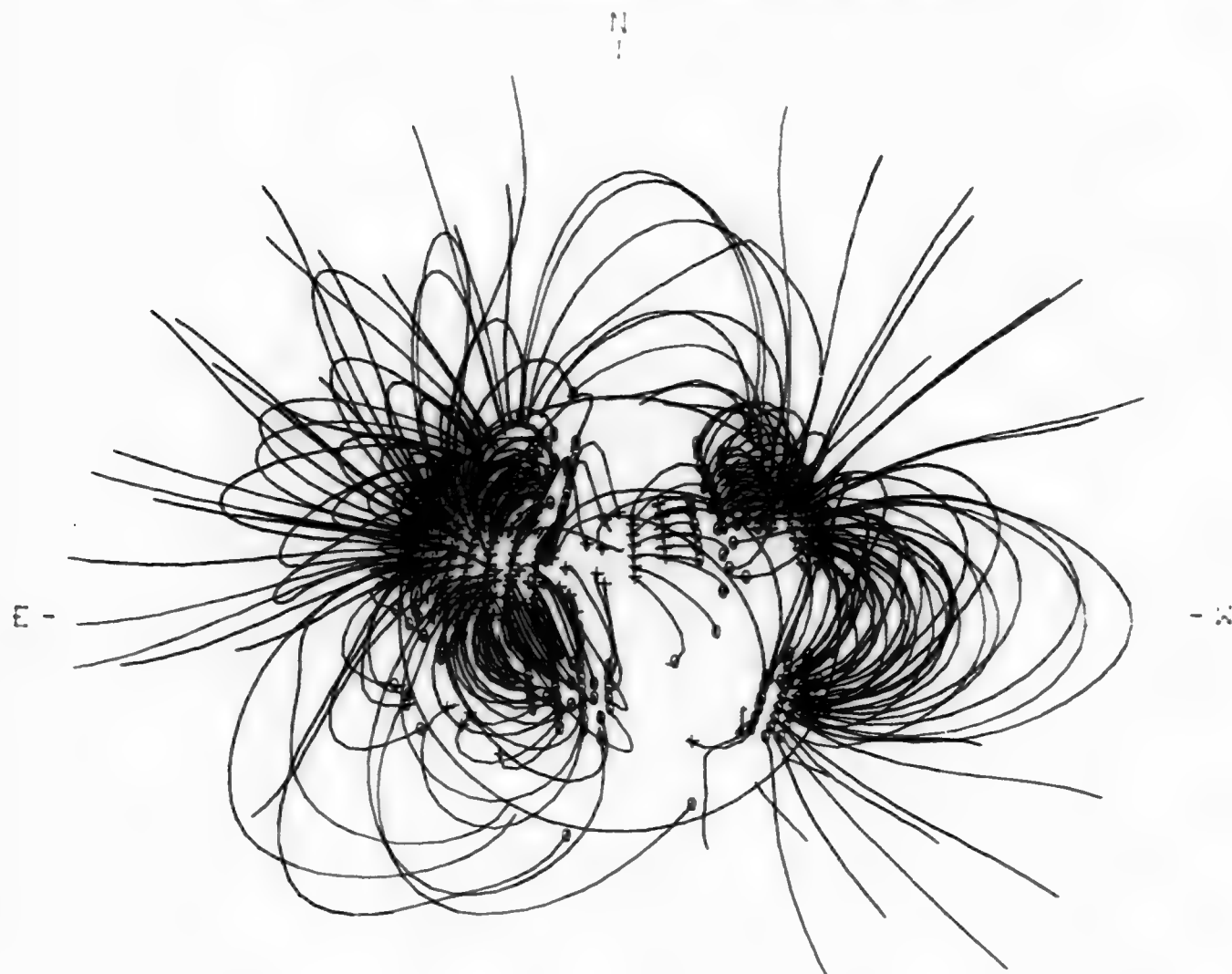
ROT. 1521 LONG. 250°

23.7 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1521.00

1
S

807. '52' 1010. 241°

24.5 '54' '55'

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



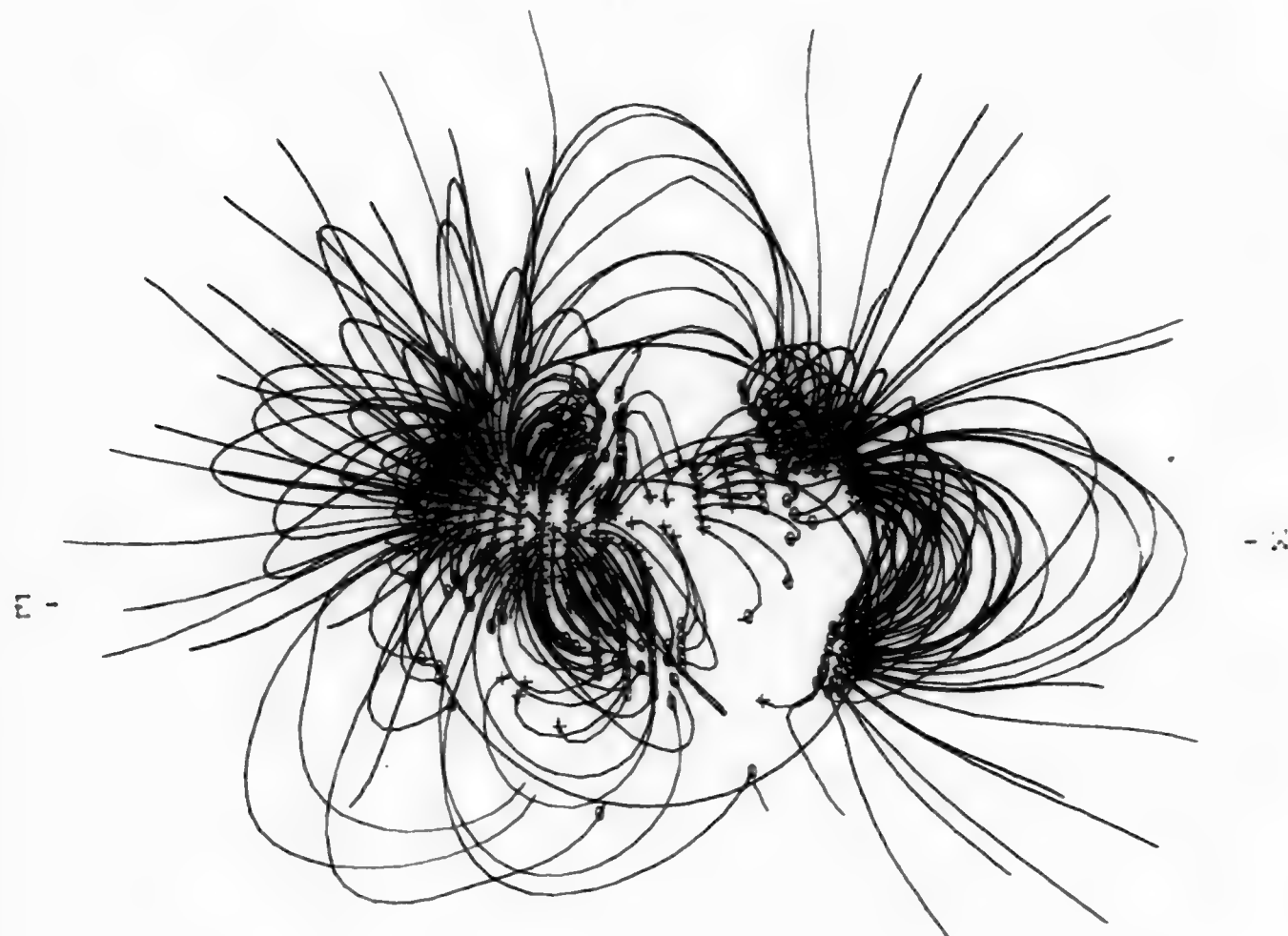
QUALITY FAIR

POLES DIRECT

DATA WINDOW 1521.00

ROT. 1521 LONG. 231°
25.2 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

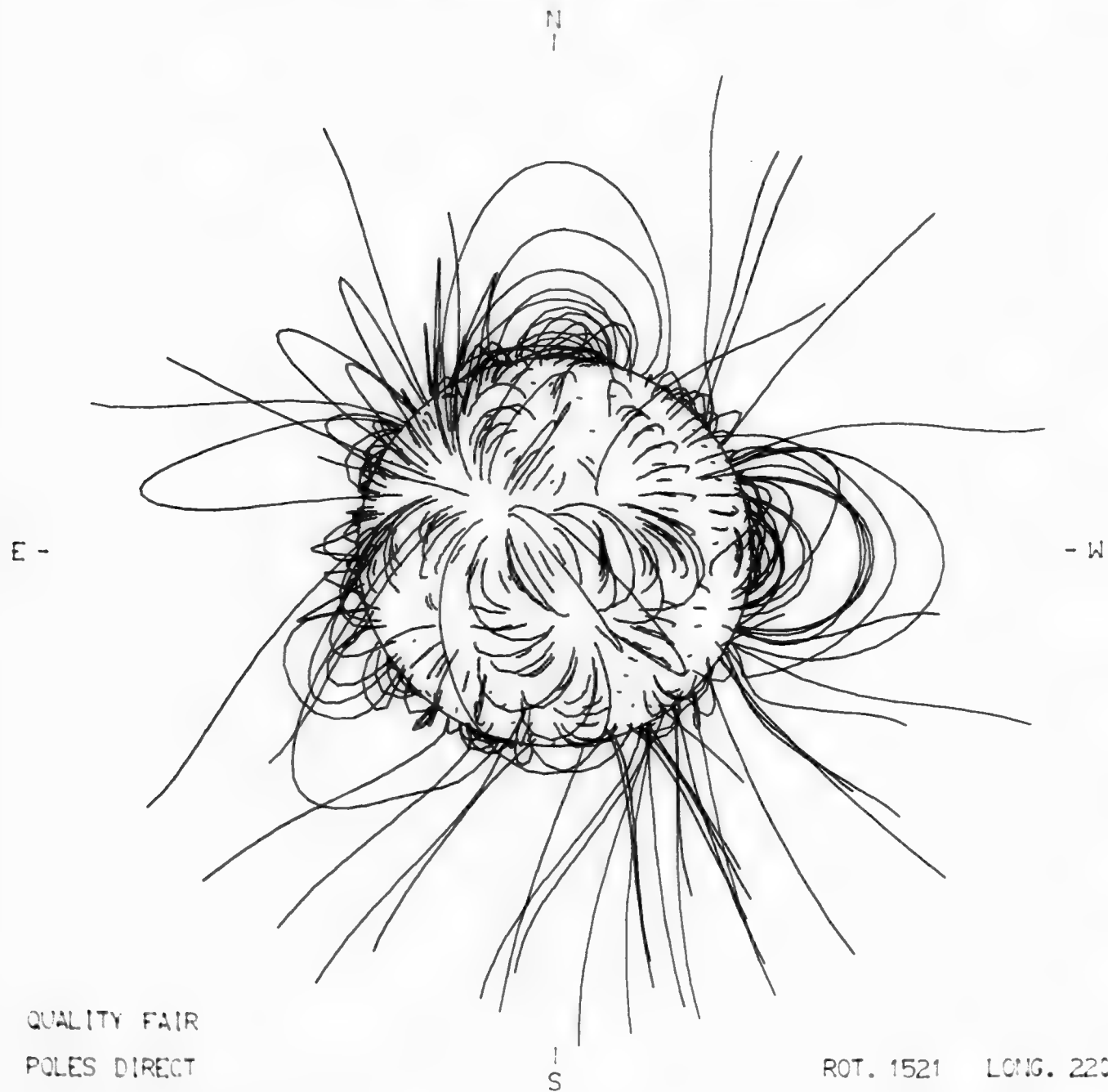


QUALITY FAIR
POLES DIRECT
DATA WINDOW 1521.00

S

ROT. 1521 LONG. 251°
25.2 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

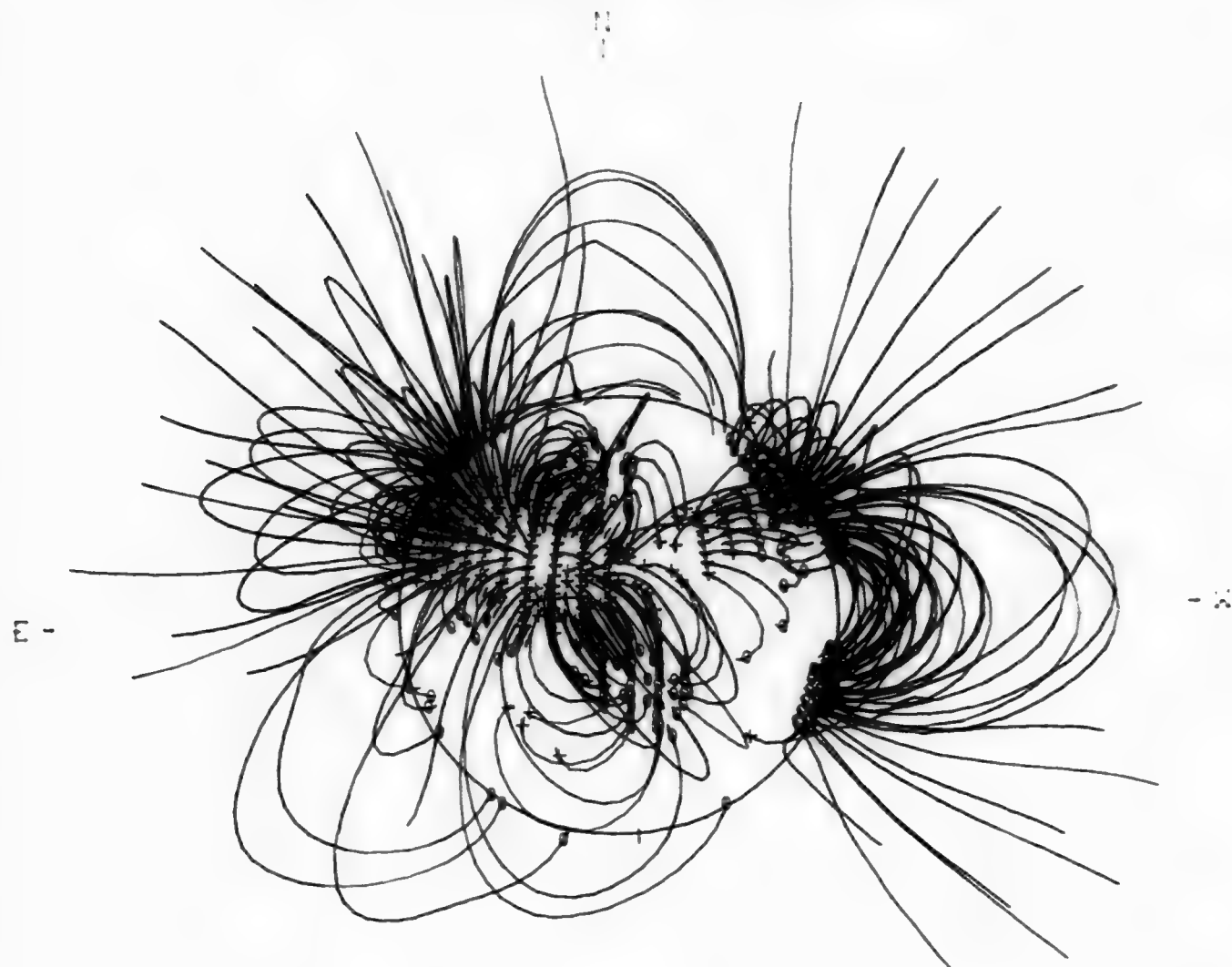
POLES DIRECT

DATA WINDOW 1521.00

ROT. 1521 LONG. 220°

26.0 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

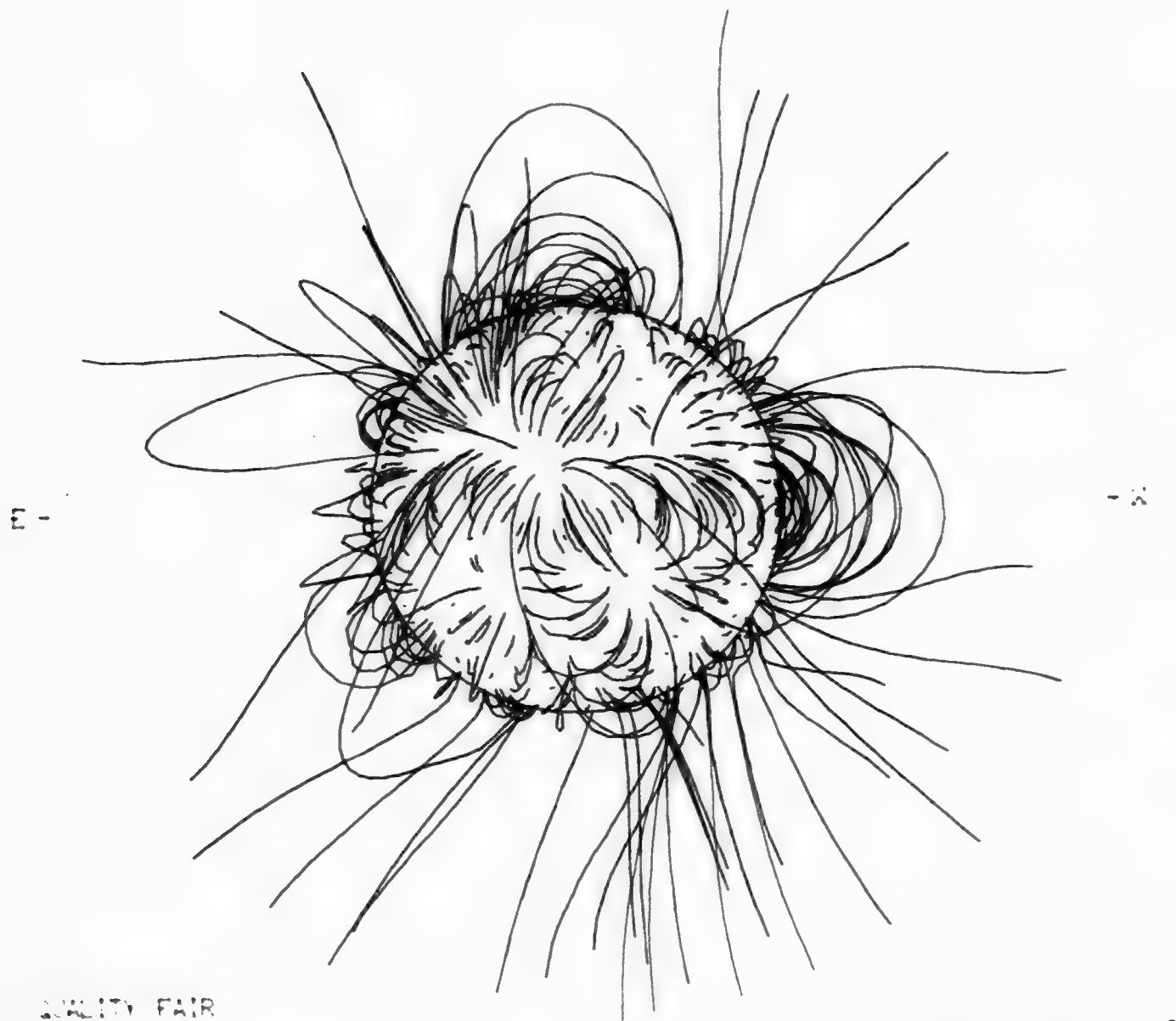


QUALITY FAIR
POLES DIRECT
DATA WINDOW 1521.00

S

ROT. 1521 LONG. 221°
26.0 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1521.00

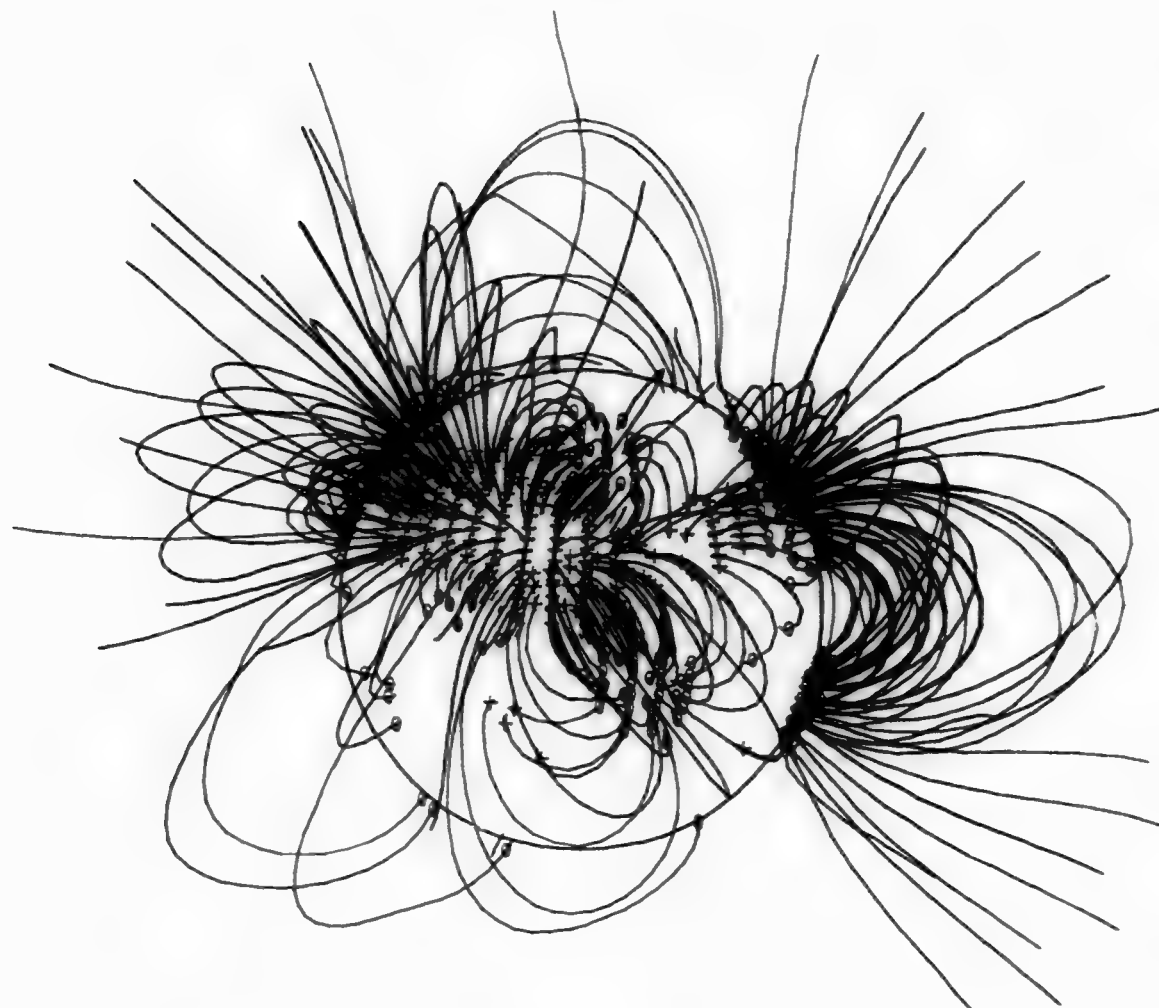
S

ROT. '52' LONG. 2'1"

26.8 MAY '95

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



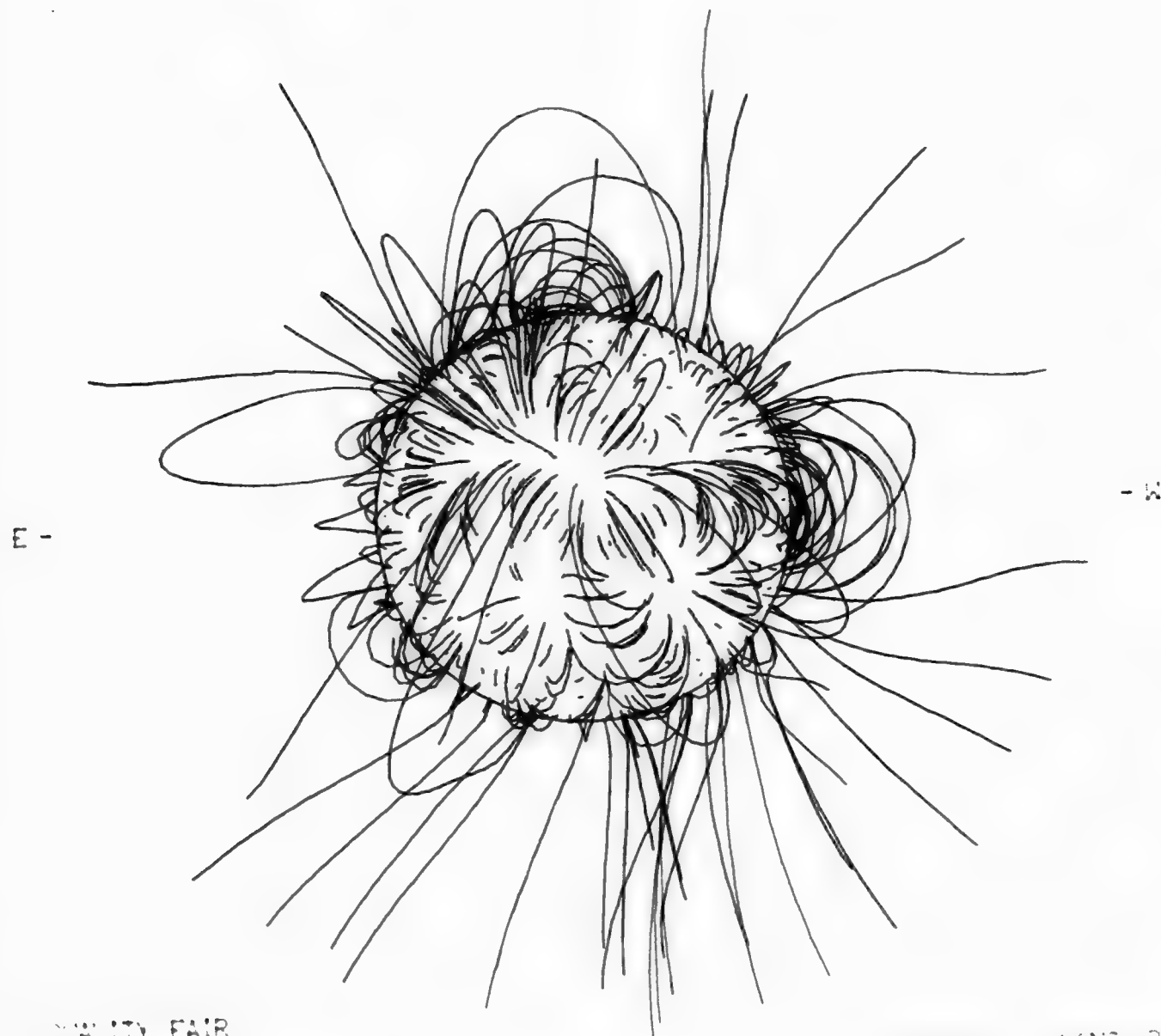
- W

QUALITY FAIR
RULES DIRECT
DATA WINDOW 1521.00

S

ROT. 1521 2113.21°
26.8 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

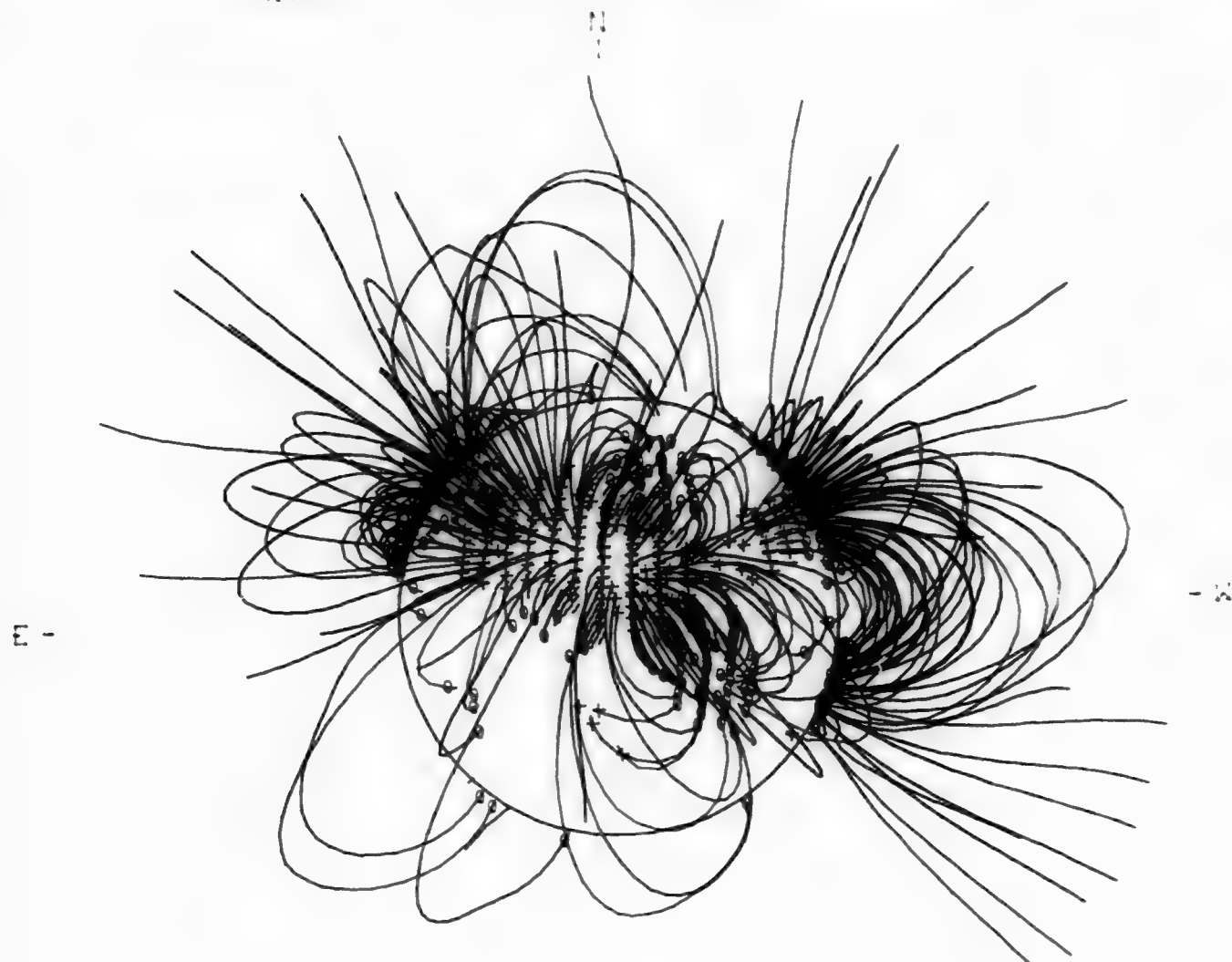


QUALITY FAIR
 POLES DIRECT
 DATA WINDOW 1521.00

S

ROT. 1521 LONG. 200°
 27.5 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

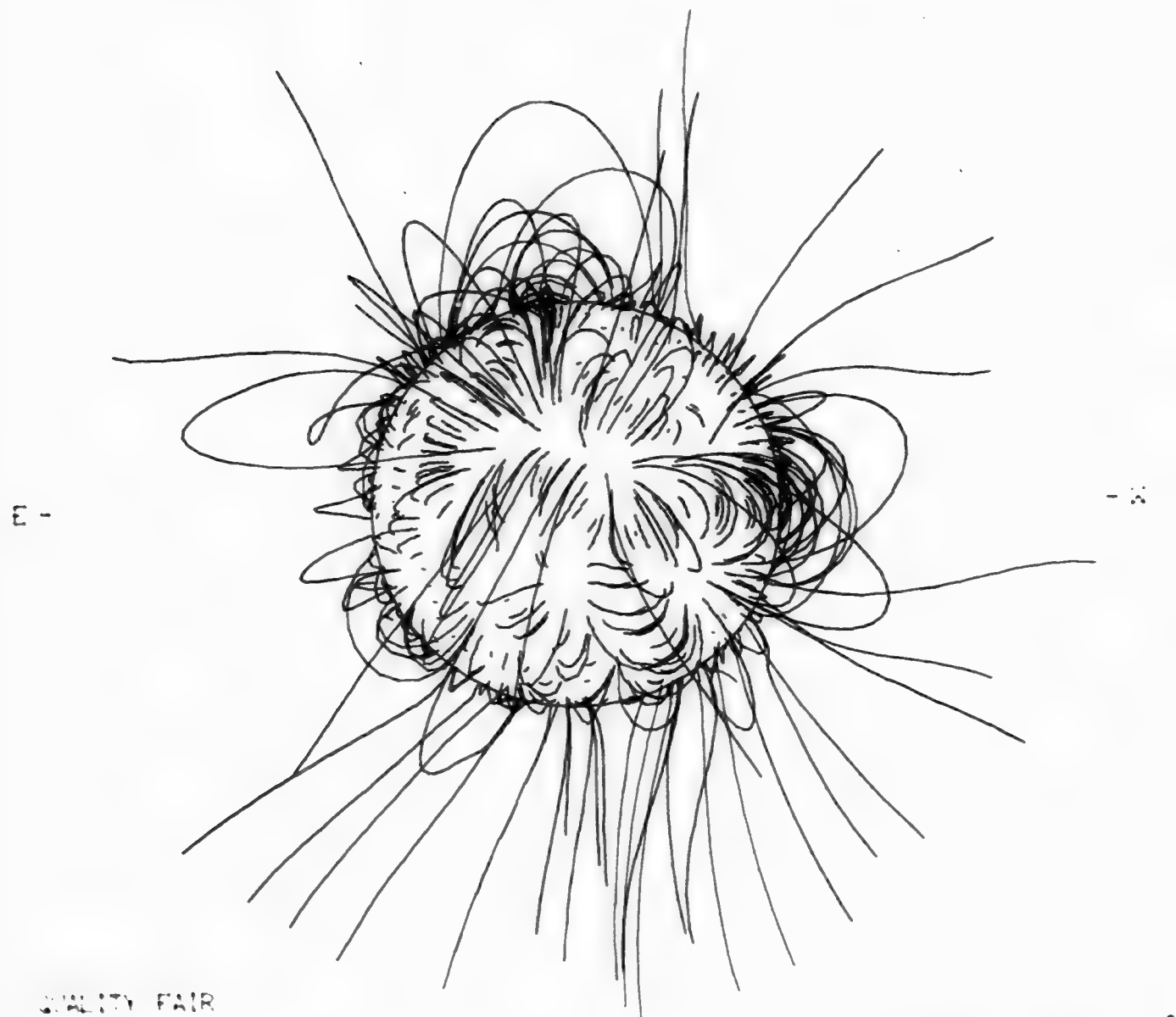
POLES DIRECT

DATA WINDOW 1521.00

1
S

ROT. 1521 LONG. 200°
27.5 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

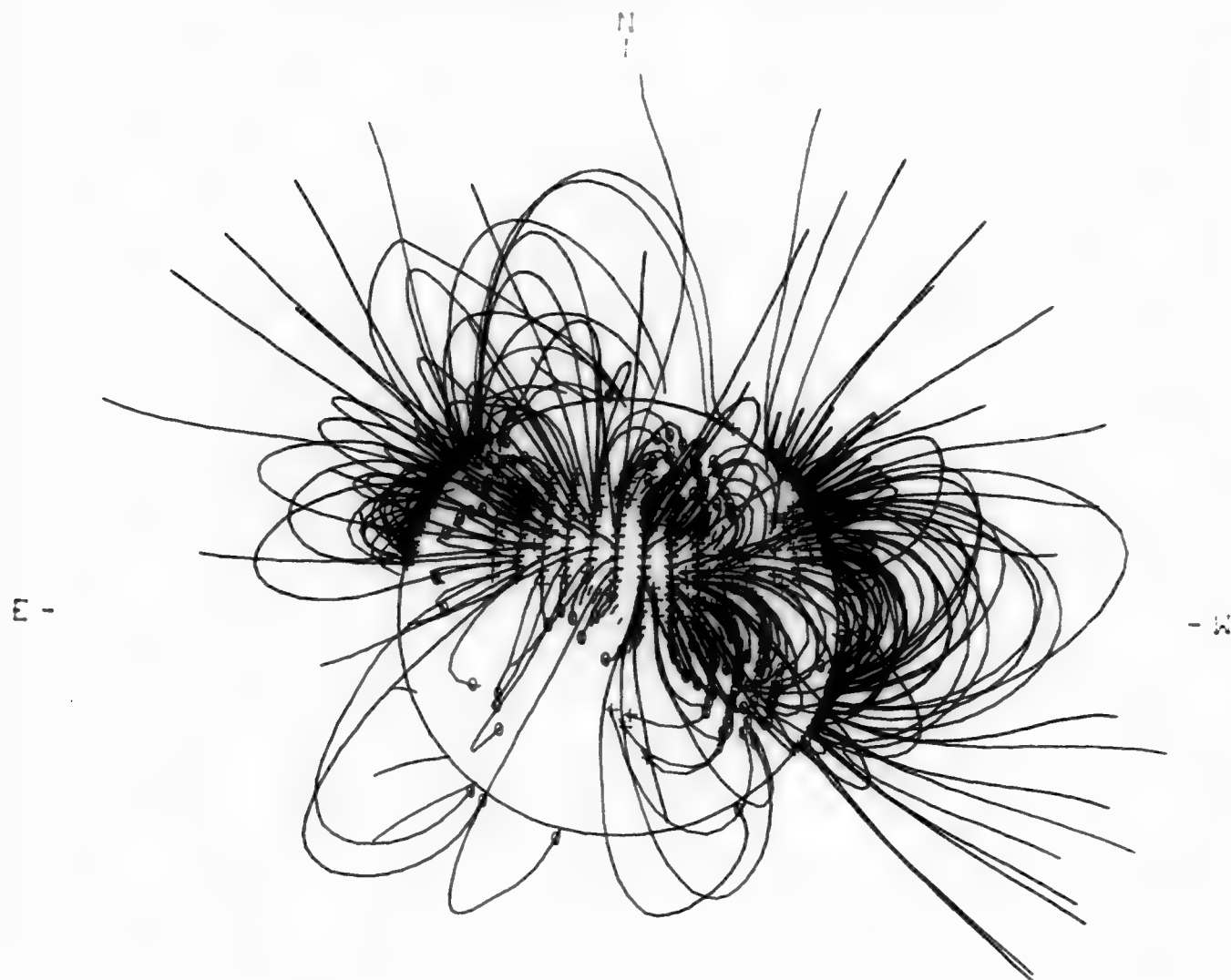
DATA WINDOW 1521.00

S

ROT. 1521 2013. 191°

28.3 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1521.00

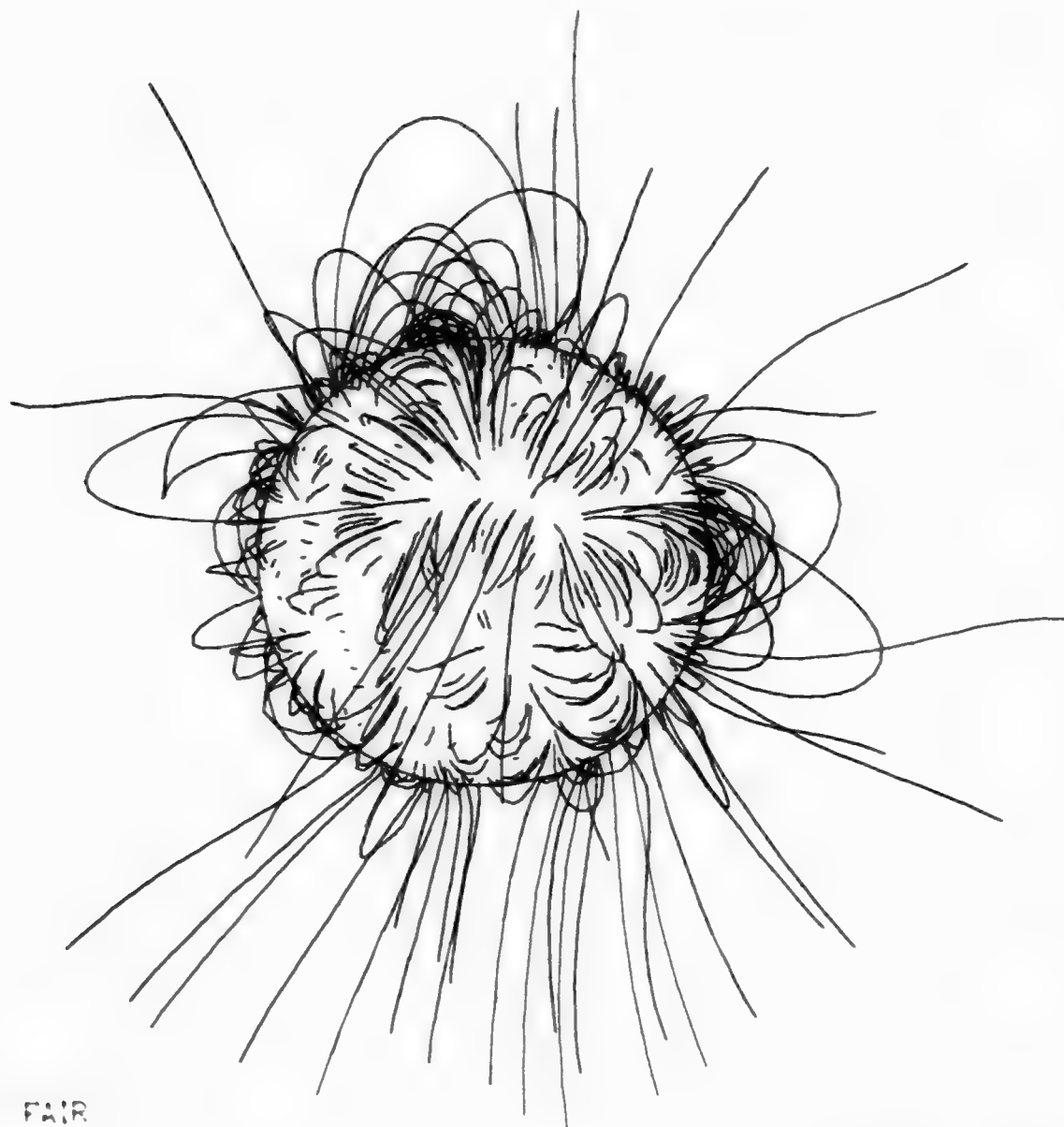
S

RUT. '52' LONG. '54'

28.5 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



- 2

QUALITY FAIR

POLES DIRECT

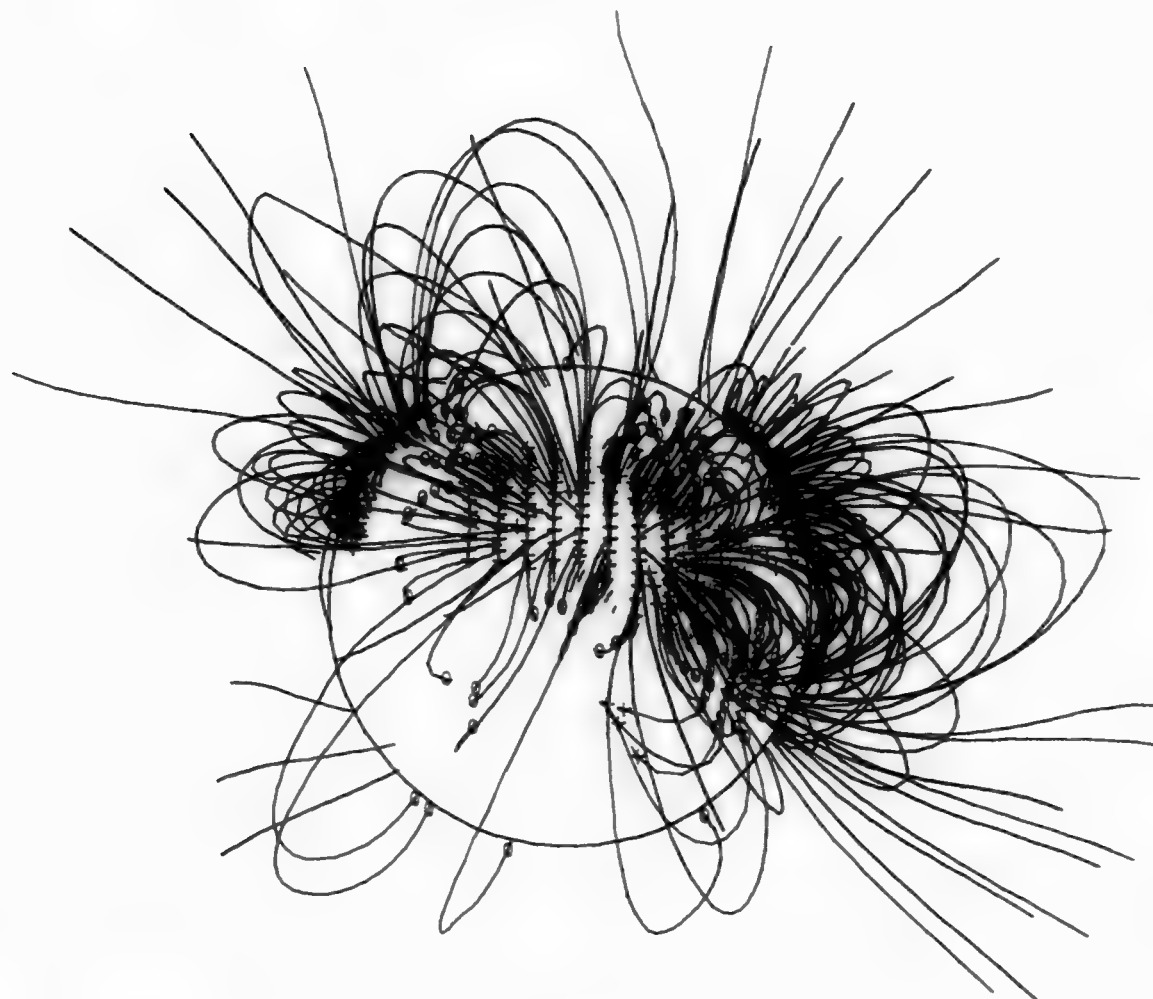
DATA WINDOW 1521.00

S

ROT. '52' LONG. '81'
29.0 MAY '67

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



- W

QUALITY FAIR

POLES DIRECT

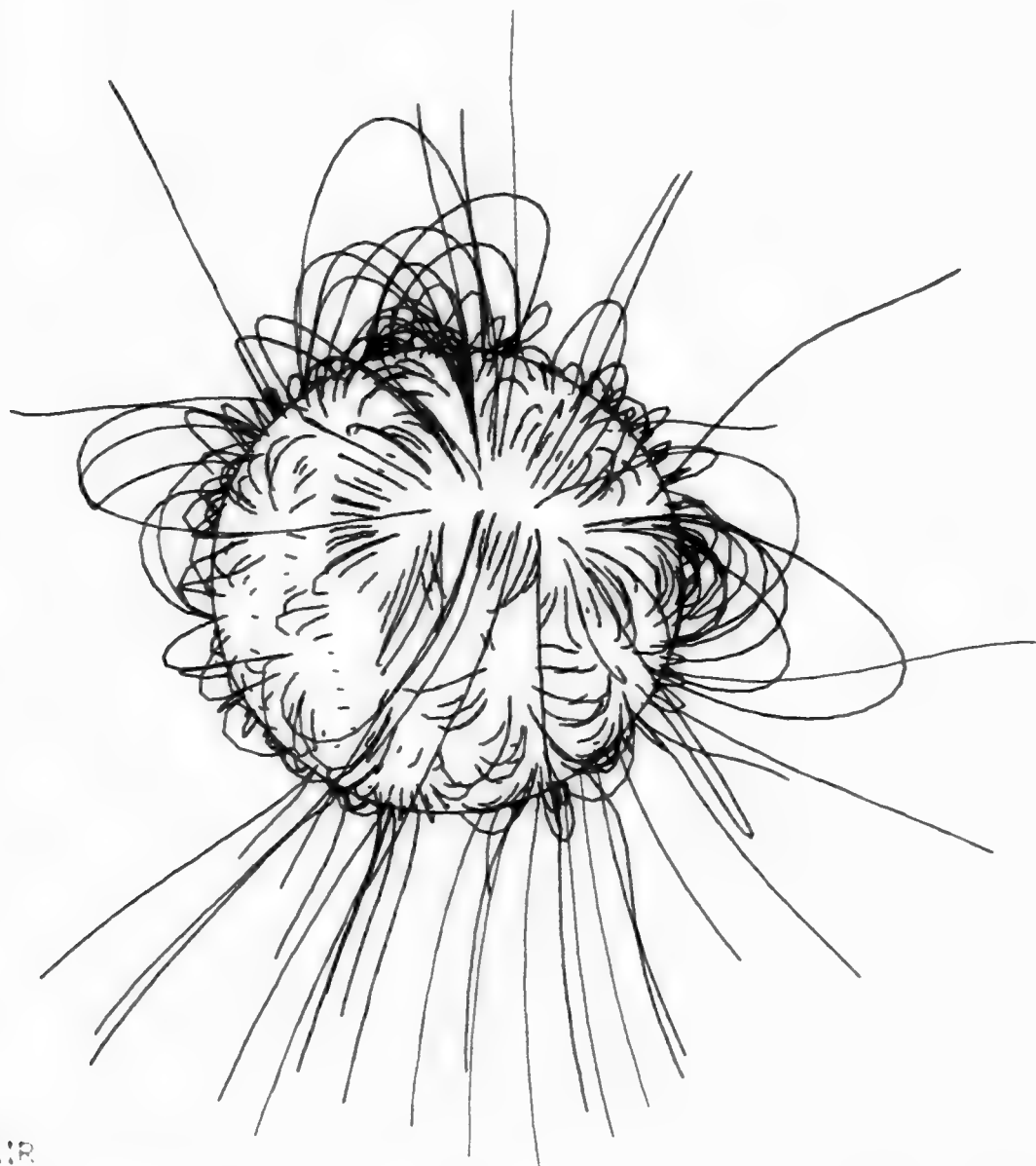
DATA WINDOW 1521.00

1
S

ROT. 1521 LONG. 181°

29.0 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

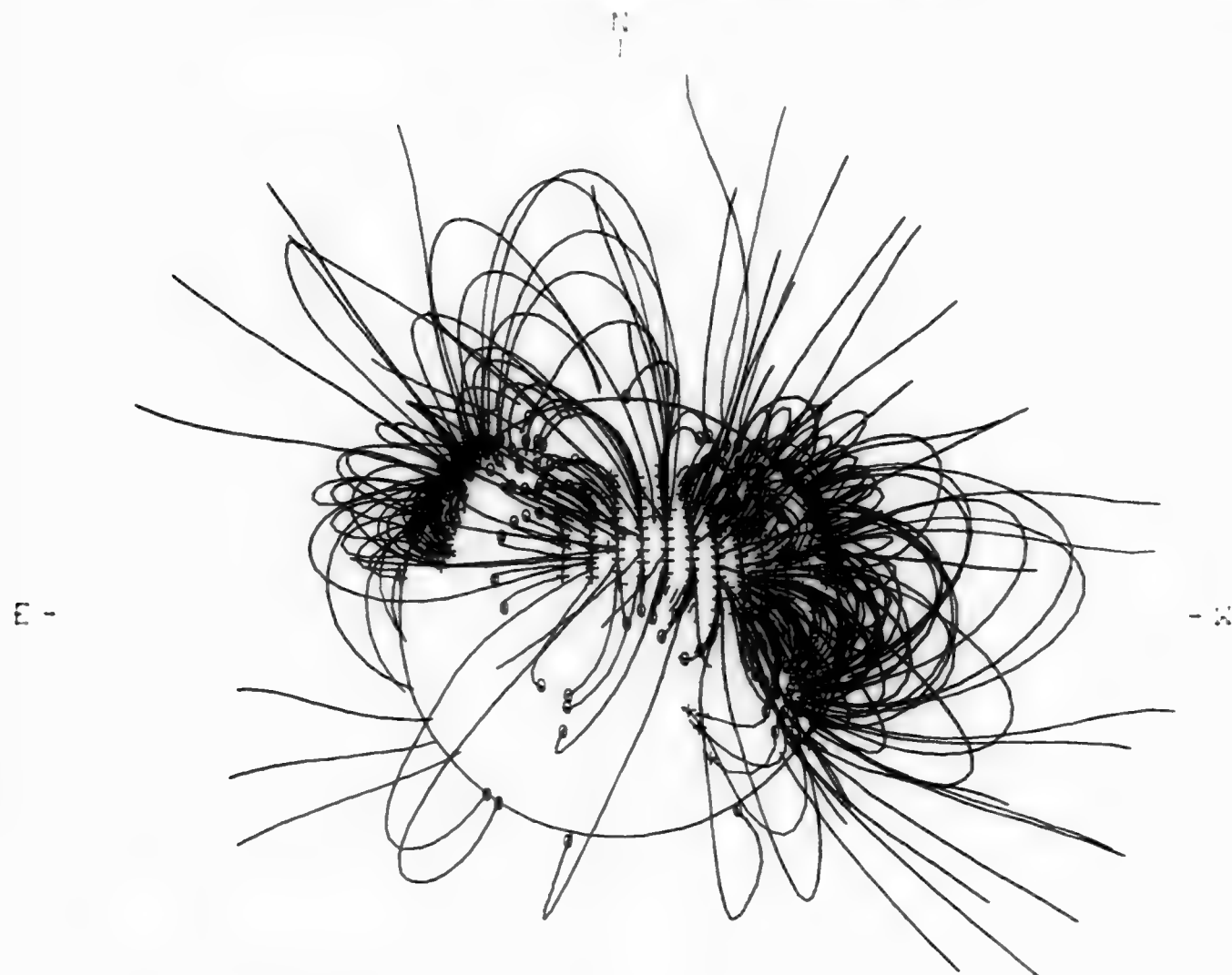
- 2

QUALITY FAIR
POLES DIRECT
DATA WINDOW 1500.00

S

ROT. 1521 LONG. 171°
29.8 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1500.00

1
S

ROT. 152° LONG. 171°
29.8 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

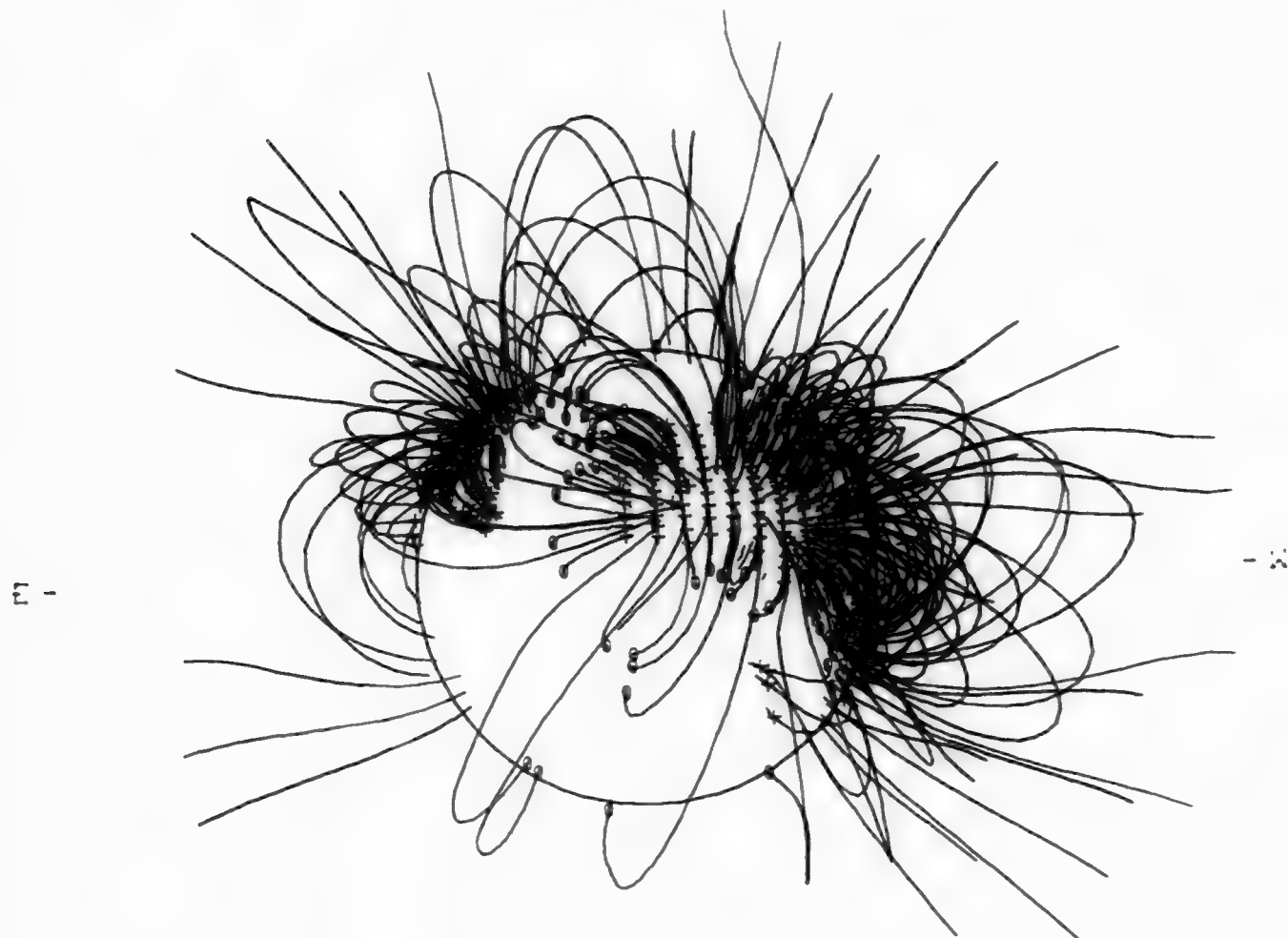
- 2

QUALITY FAIR
POLES DIRECT
DATA WINDOW 1521.00

S

RLT. '521 2013. '50°
30.5 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

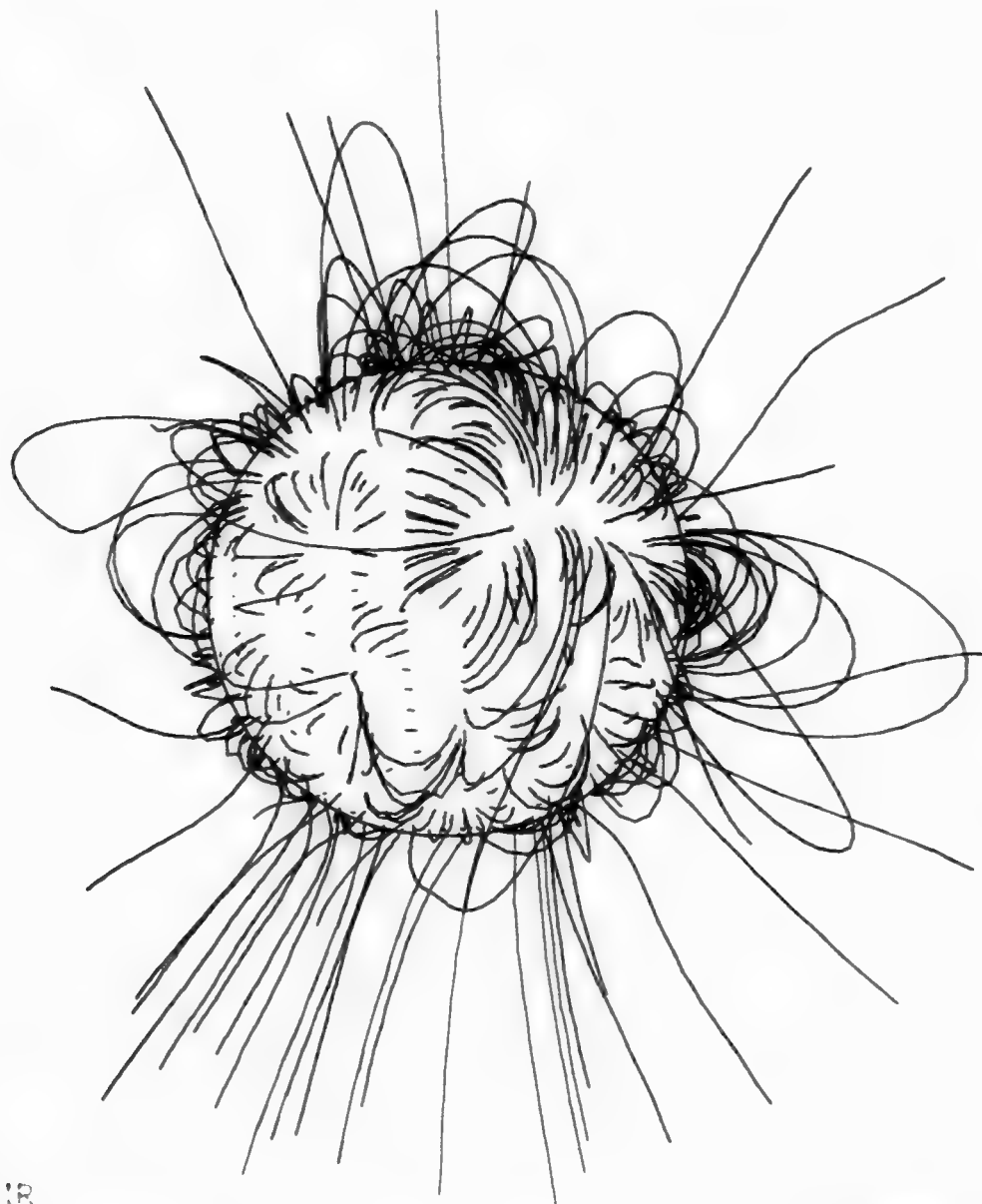
POLES DIRECT

DATA WINDOW 1521.00

1
S

RCT. 1521 LING. 150°
30.5 MAY 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

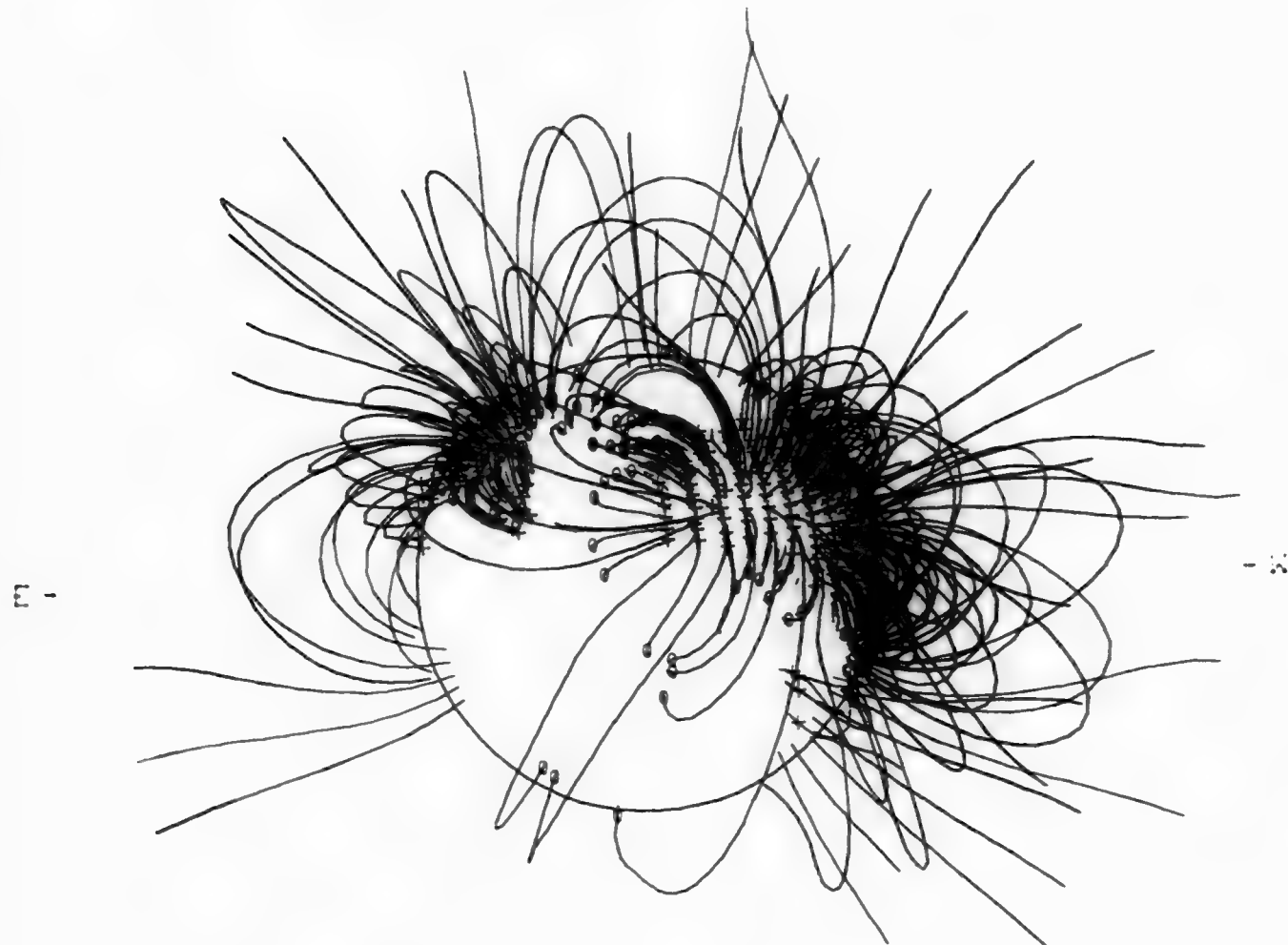
- 2

QUALITY FAIR
POLES DIRECT
DATA WINDOW 1501.00

S

ROT. 1521 LONG. 151°
3.3 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1501.00

S

ROT. '52' LUN. '51'
31.3 MAY '67

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



E -

- 2

QUALITY FAIR

POLES DIRECT

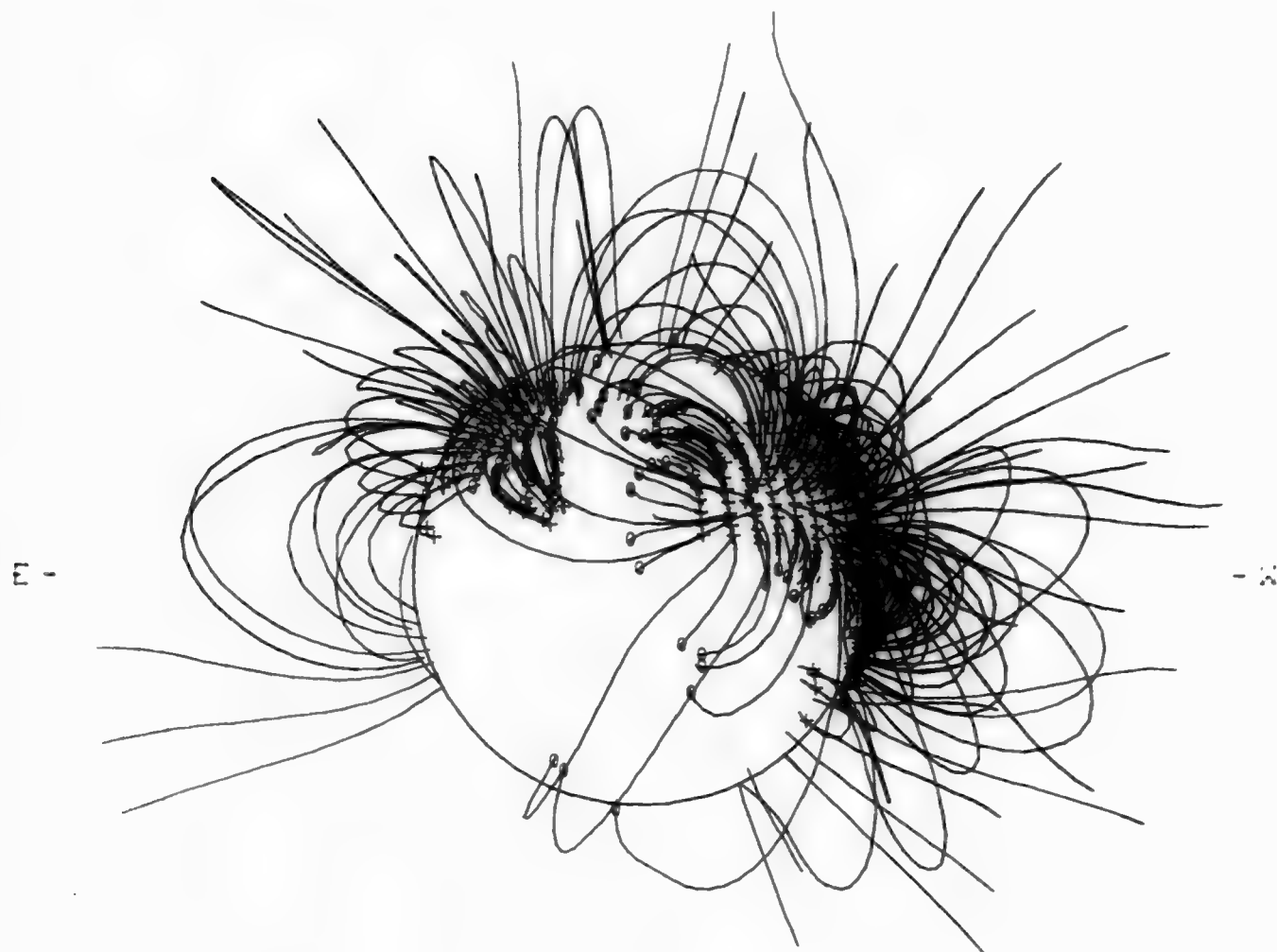
DATA WINDOW 1521.00

S

RCT. 1521 2013. 140°

1.1 JUL 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1521.00

1
S

ROT. 1521 LONG. 141

1.1 JUN 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -

- W

QUALITY FAIR

POLES DIRECT

DATA WINDOW 1521.00

S

ROT. 1521 LONG. 1521
1.0 1.0 1.0

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

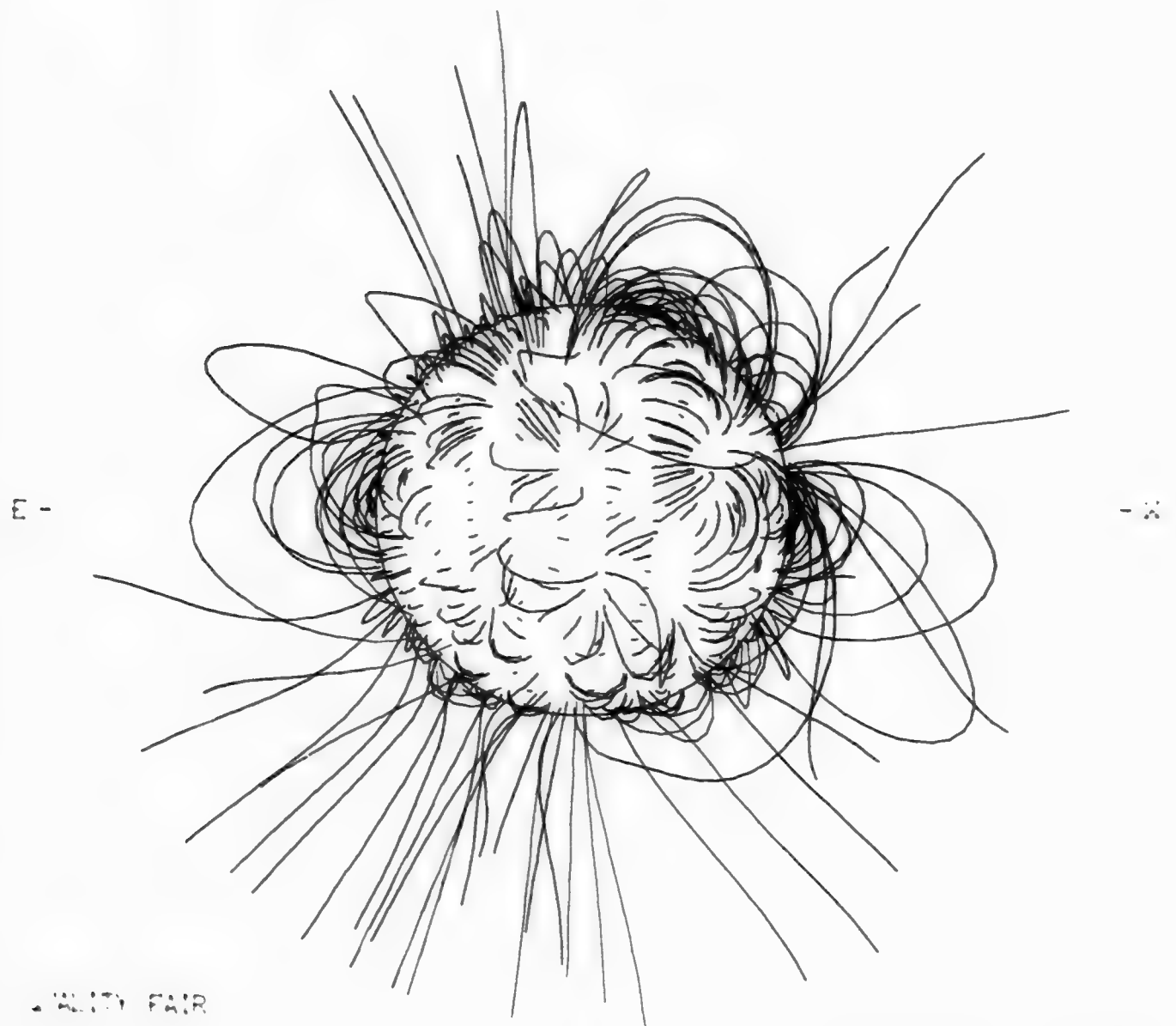
DATA WINDOW 1521.00

S

RUT. 1521 LONG. 151

1.8 100 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

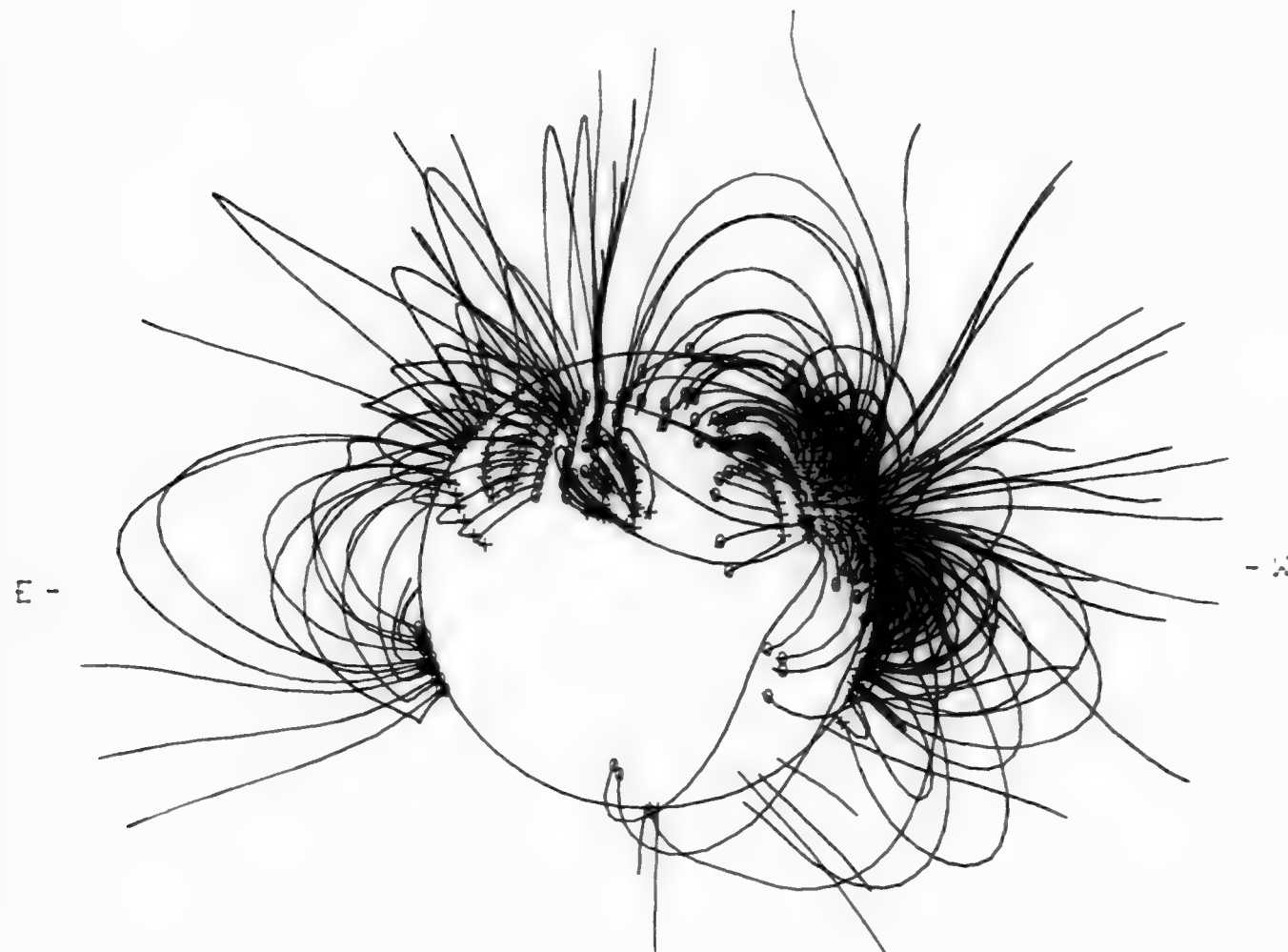
DATA RANGE 1521.00

S

RCT. '52' LING. '21'

2.6 COT. '95'

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

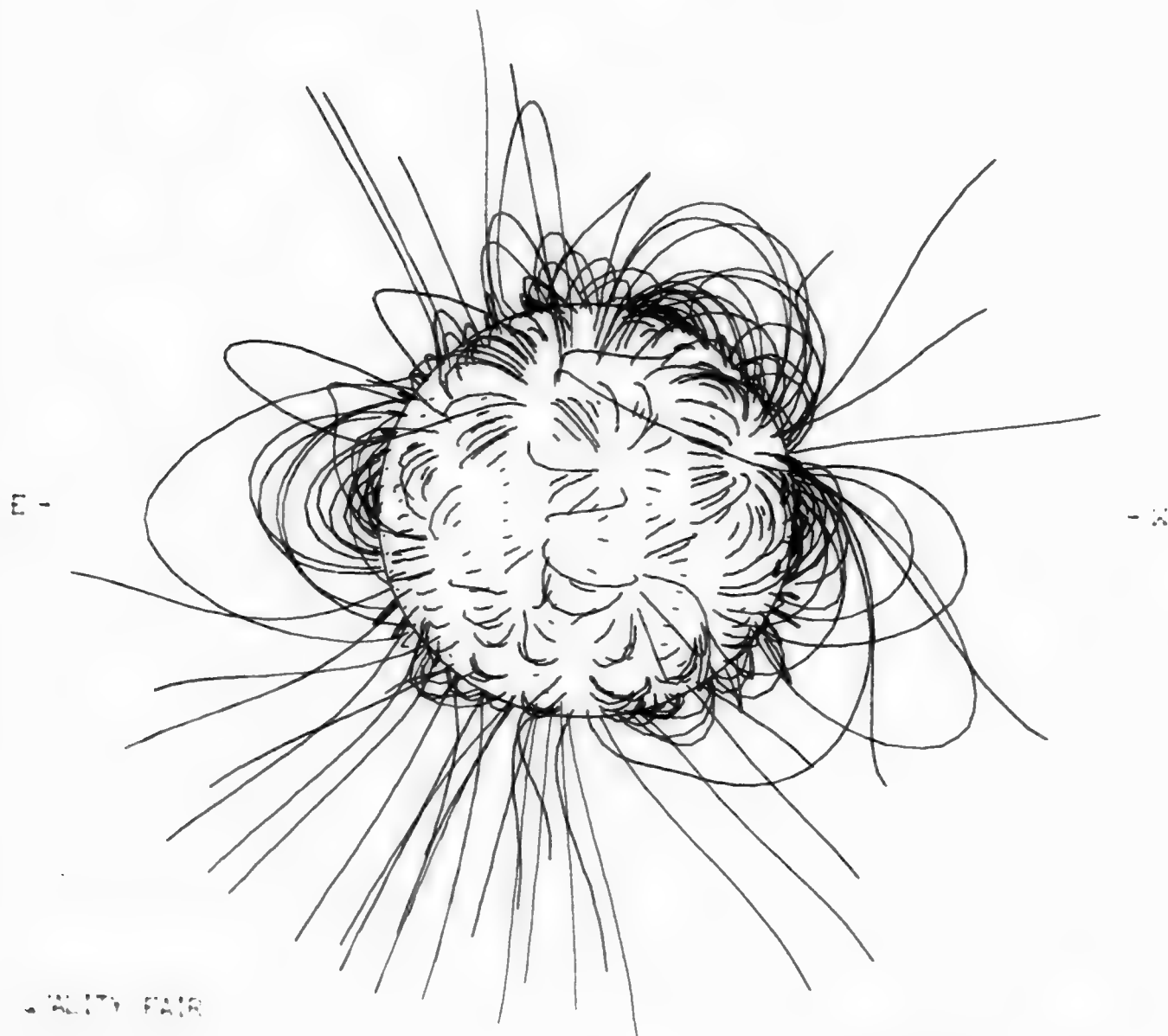
DATA WINDOW 1521.00

S

ROT. 1521 LONG. 121°

2.6 JAN 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

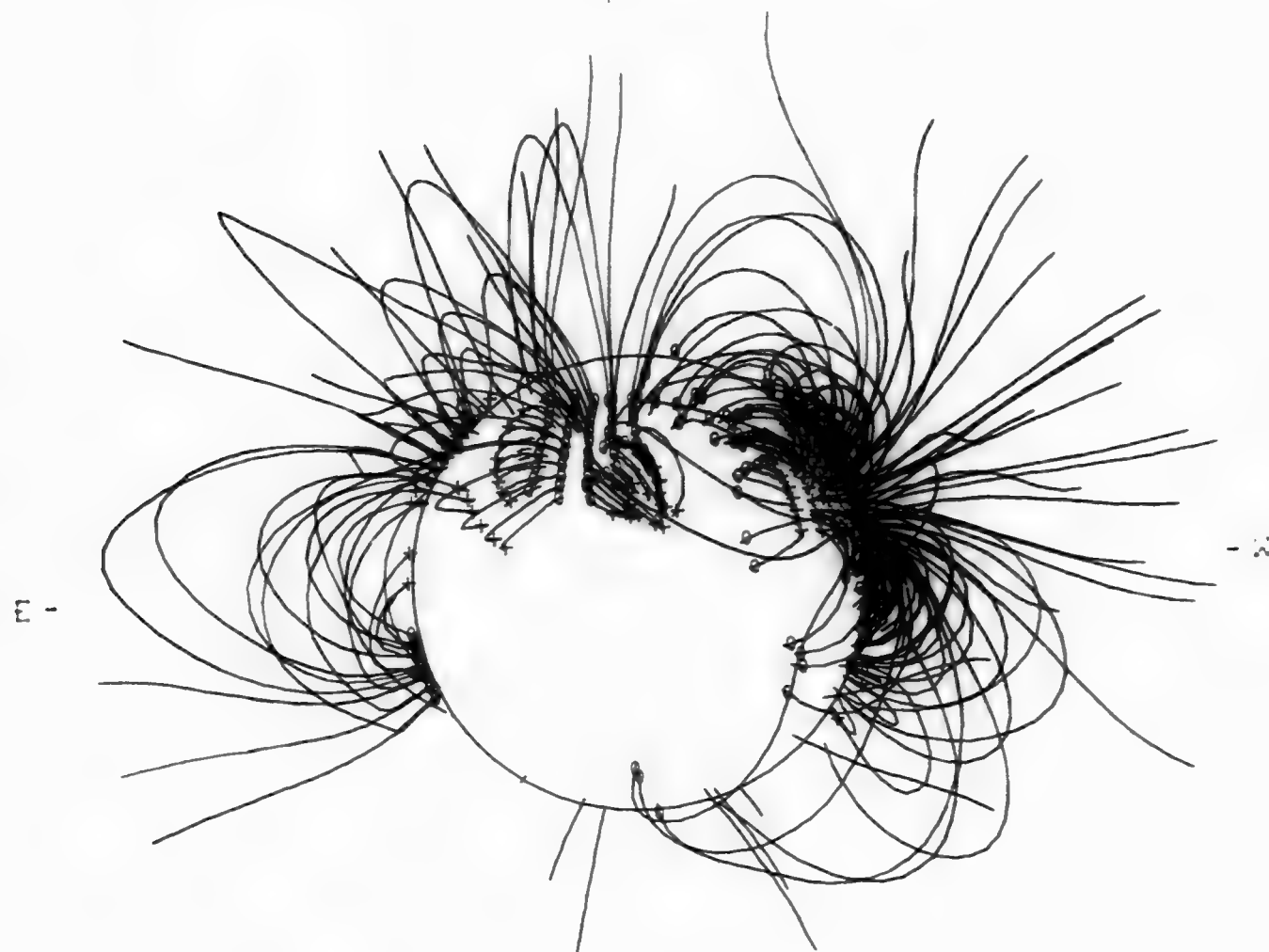
DATA WINDOW 1500.00

S

ROT. 150° LONG. 110°

3.3 100 1000

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

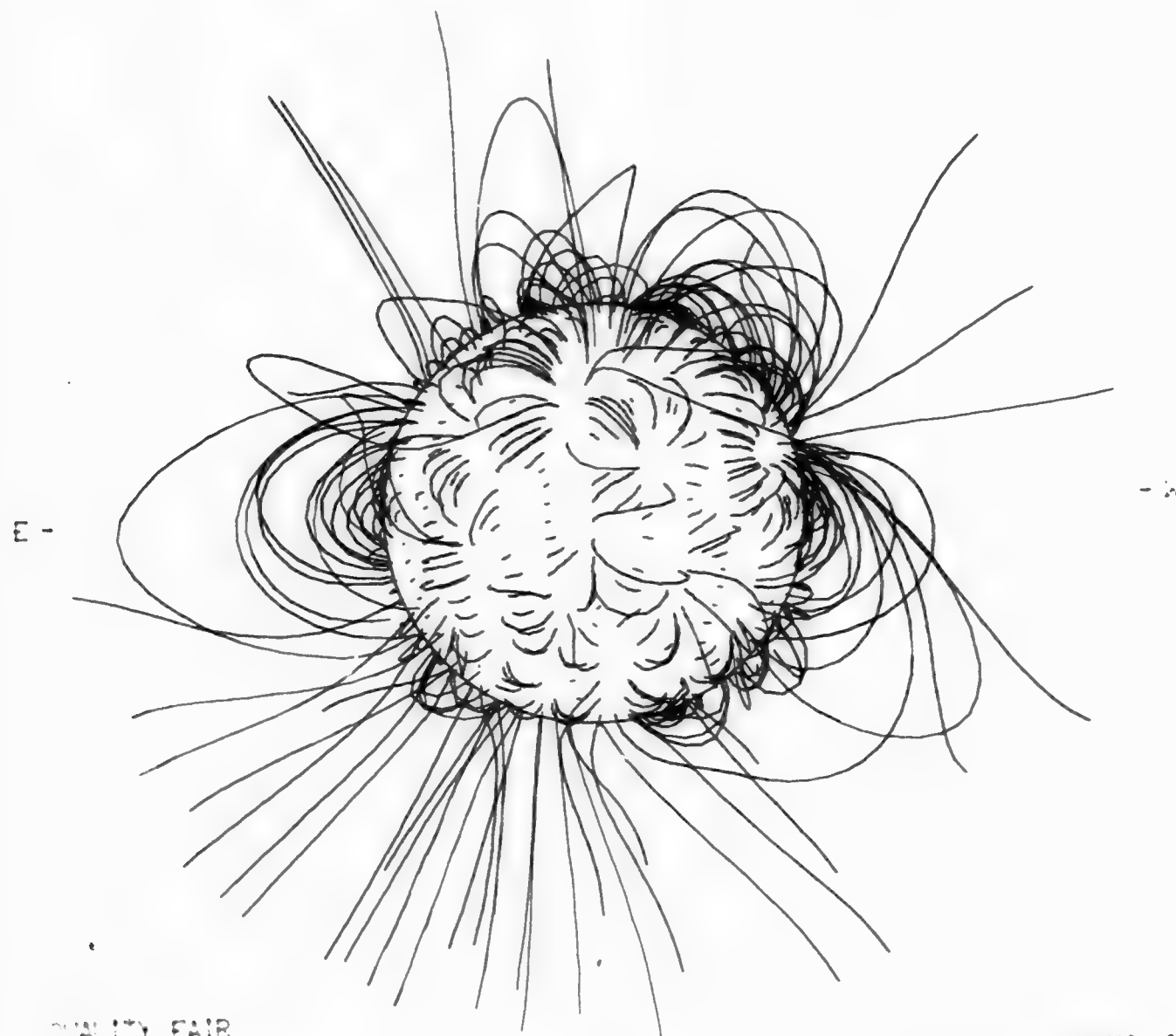


QUALITY FAIR
 POLES DIRECT
 DATA WIND IN 1501.00

S

RET. 1521 2013. 111°
 3.3 JUN 1967

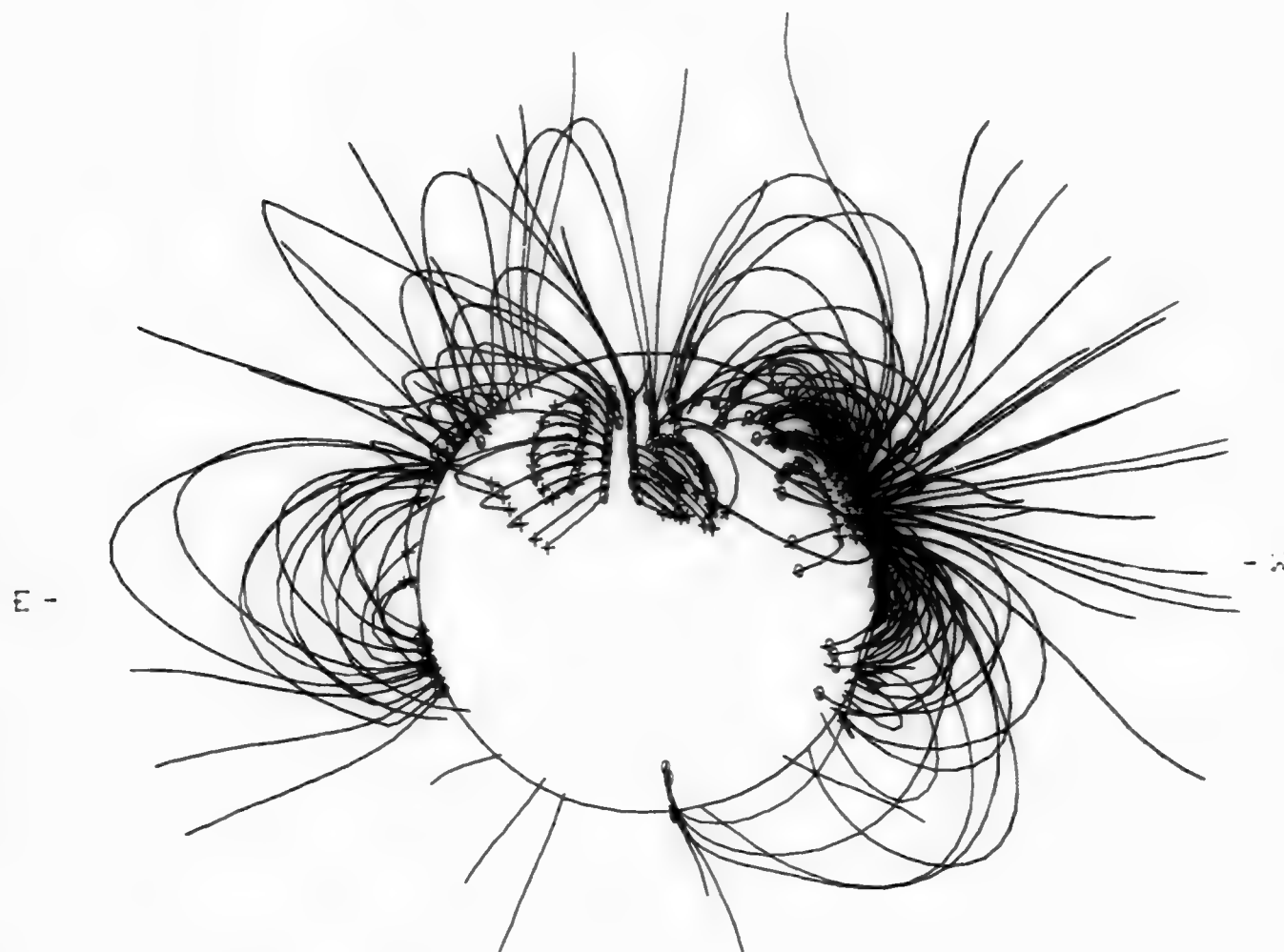
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1521.00

RJT. 1521 1521.00
4. 1521 1521

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

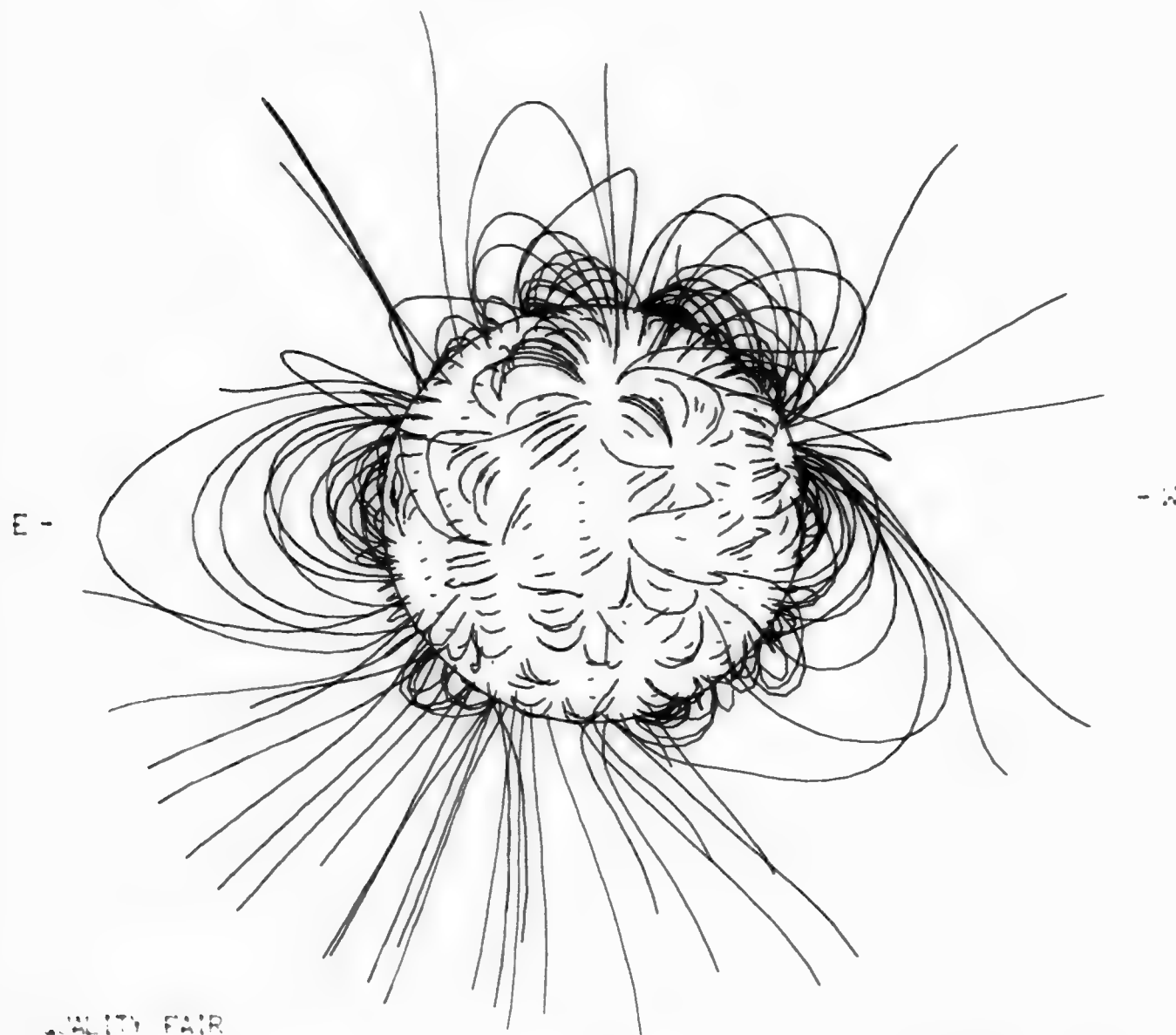
POLES DIRECT

DATA WINDOW 1521.00

S

ROT. 1521 LONG. 100°
4.1 100 100°

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

FILES DIRECT

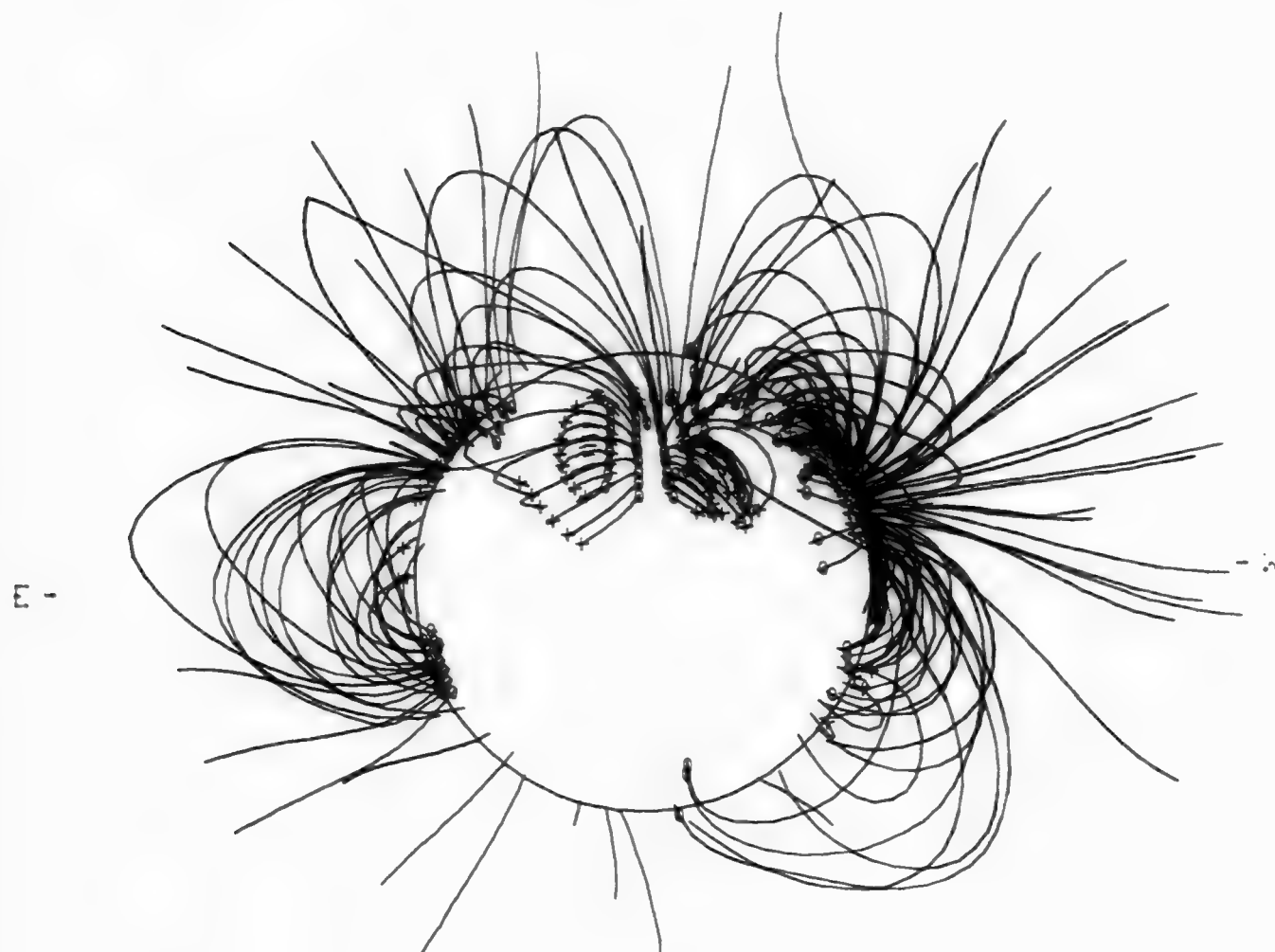
DATA WINDOW 1521.00

S

RUT. 1521 LONG. 40°

4.8 OCT 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1521.00

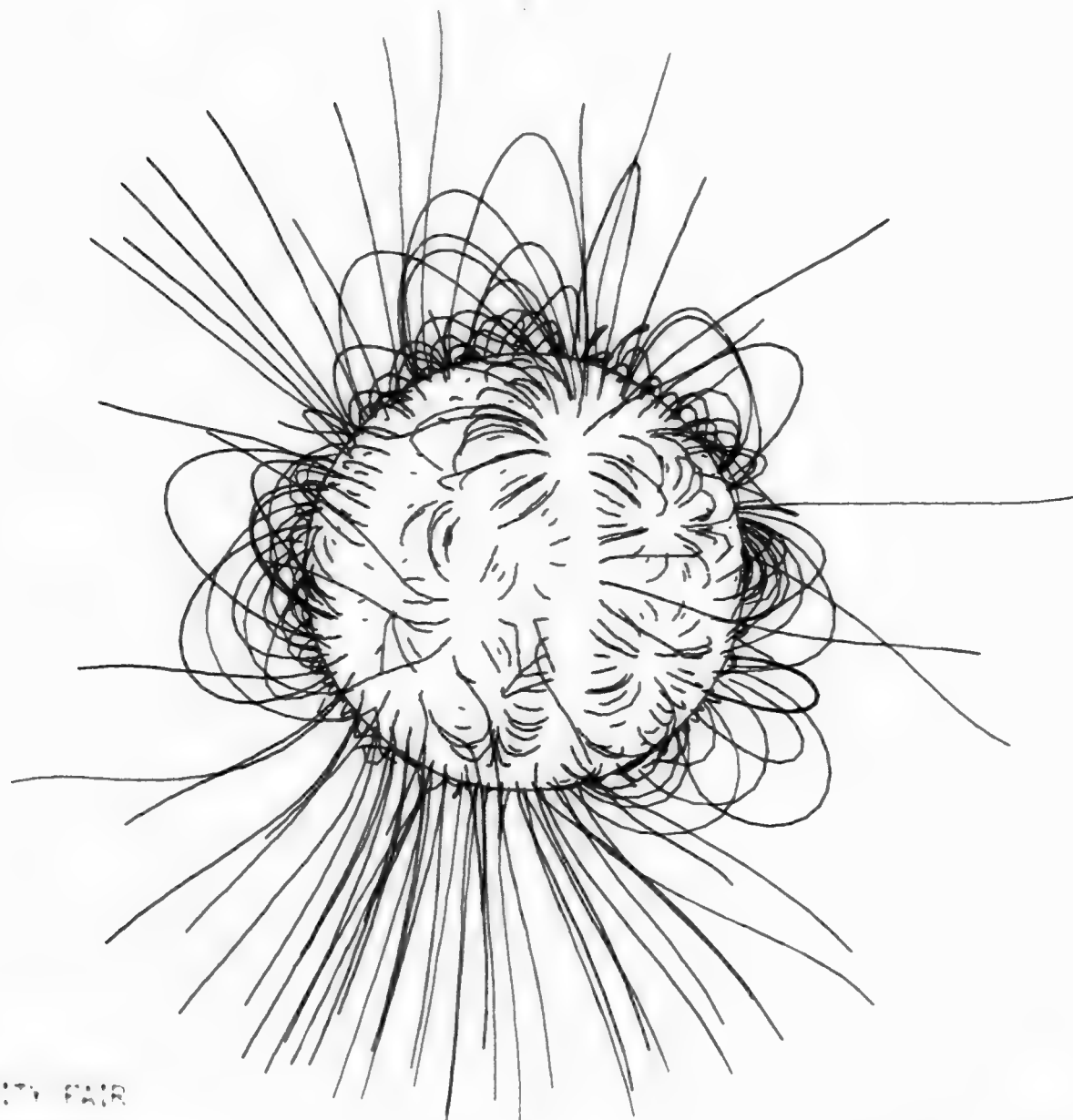
1
S

ROT. 1521 LONG. 1521

4.5 1521 1521

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

E -



- A

QUALITY FAIR

POLES DIRECT

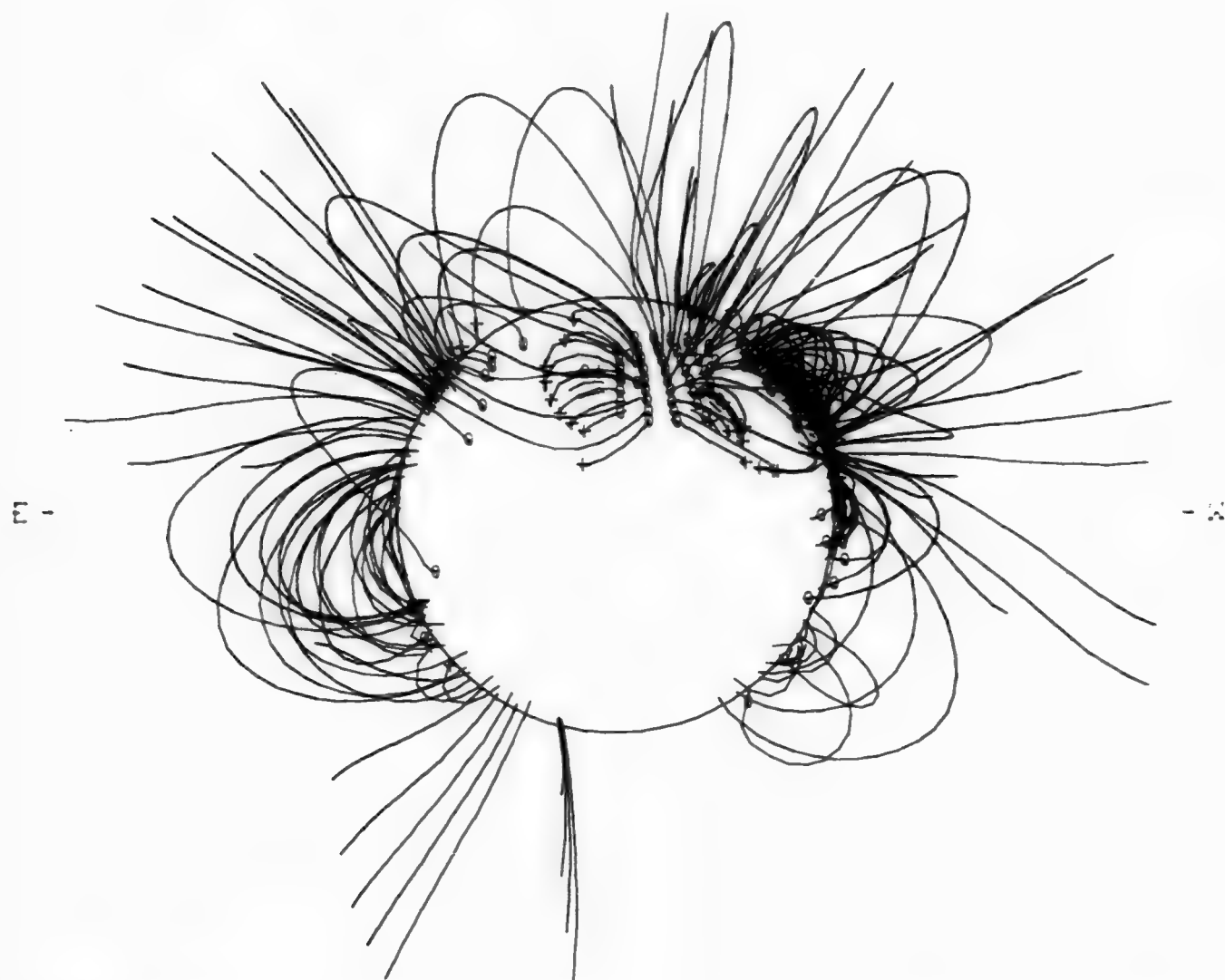
DATA WINDOW 1521.47

S

ROT. 1521 1119. 80°

5.6 11. 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

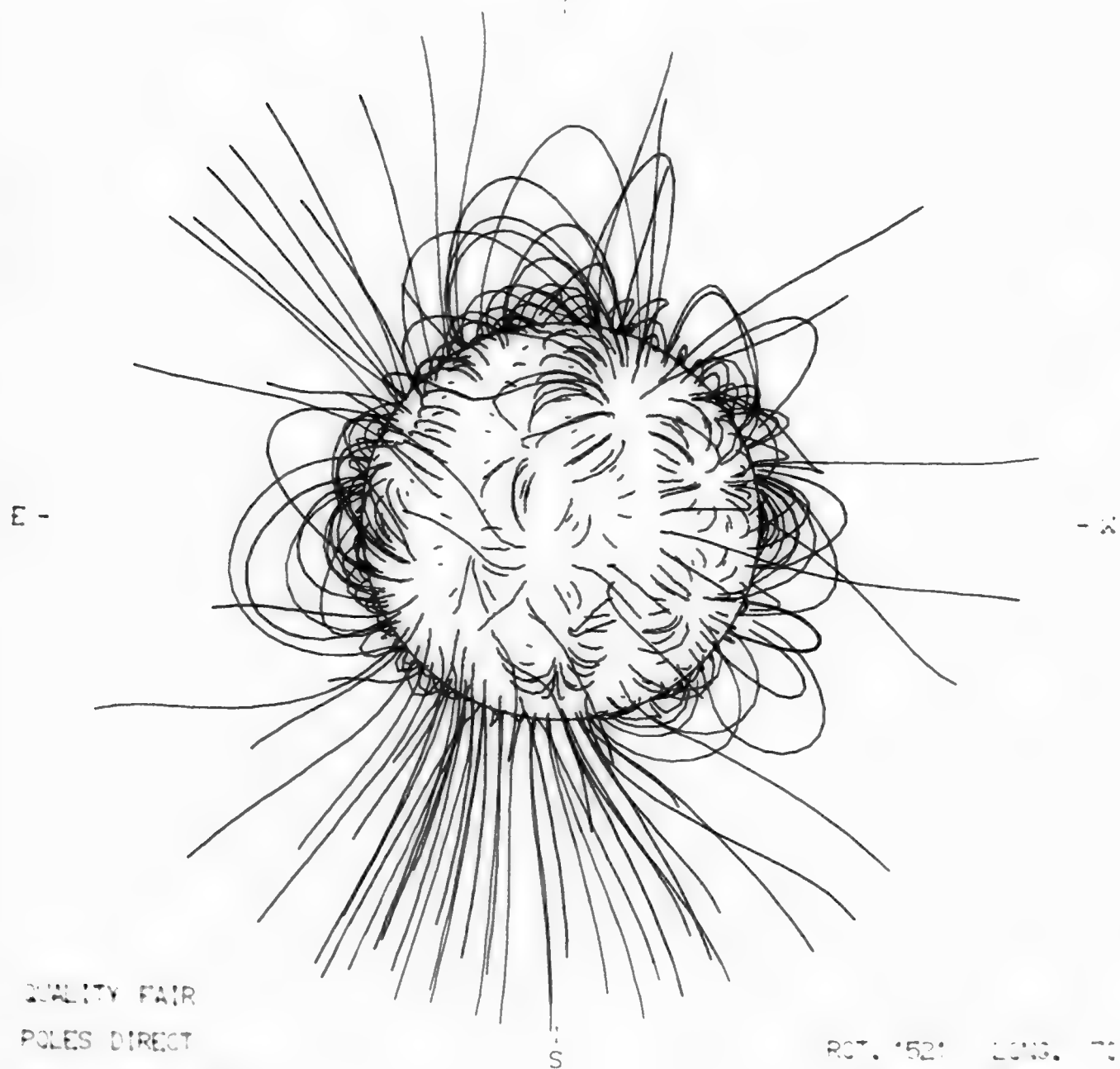
DATA WINDOW 1521.47

1
S

ROT. '52' LONG. 81°

5.6 JUN '967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

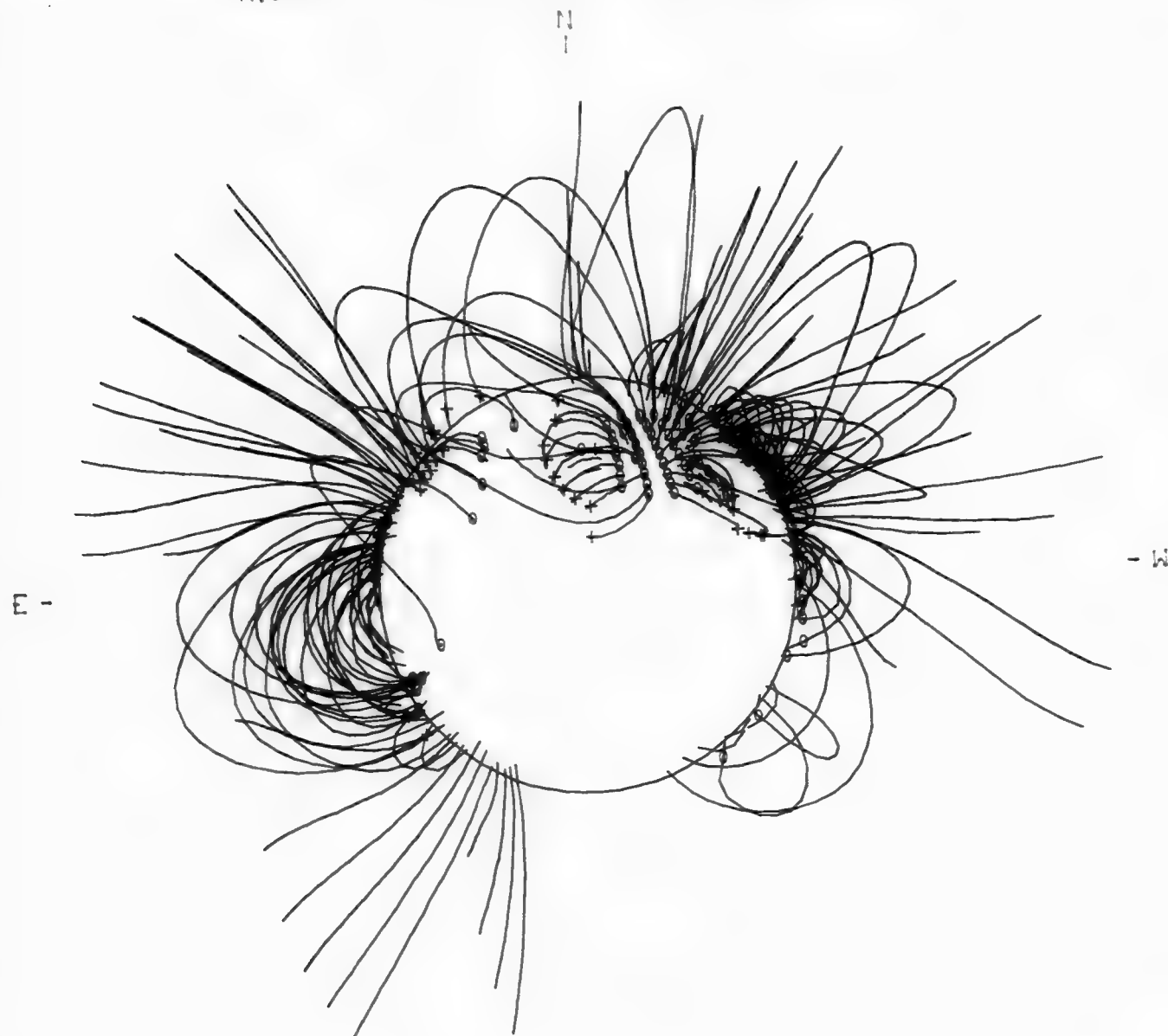
POLES DIRECT

DATA WINDOW 1521.47

ROT. 1521 LONG. 70°

5.3 OCT 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

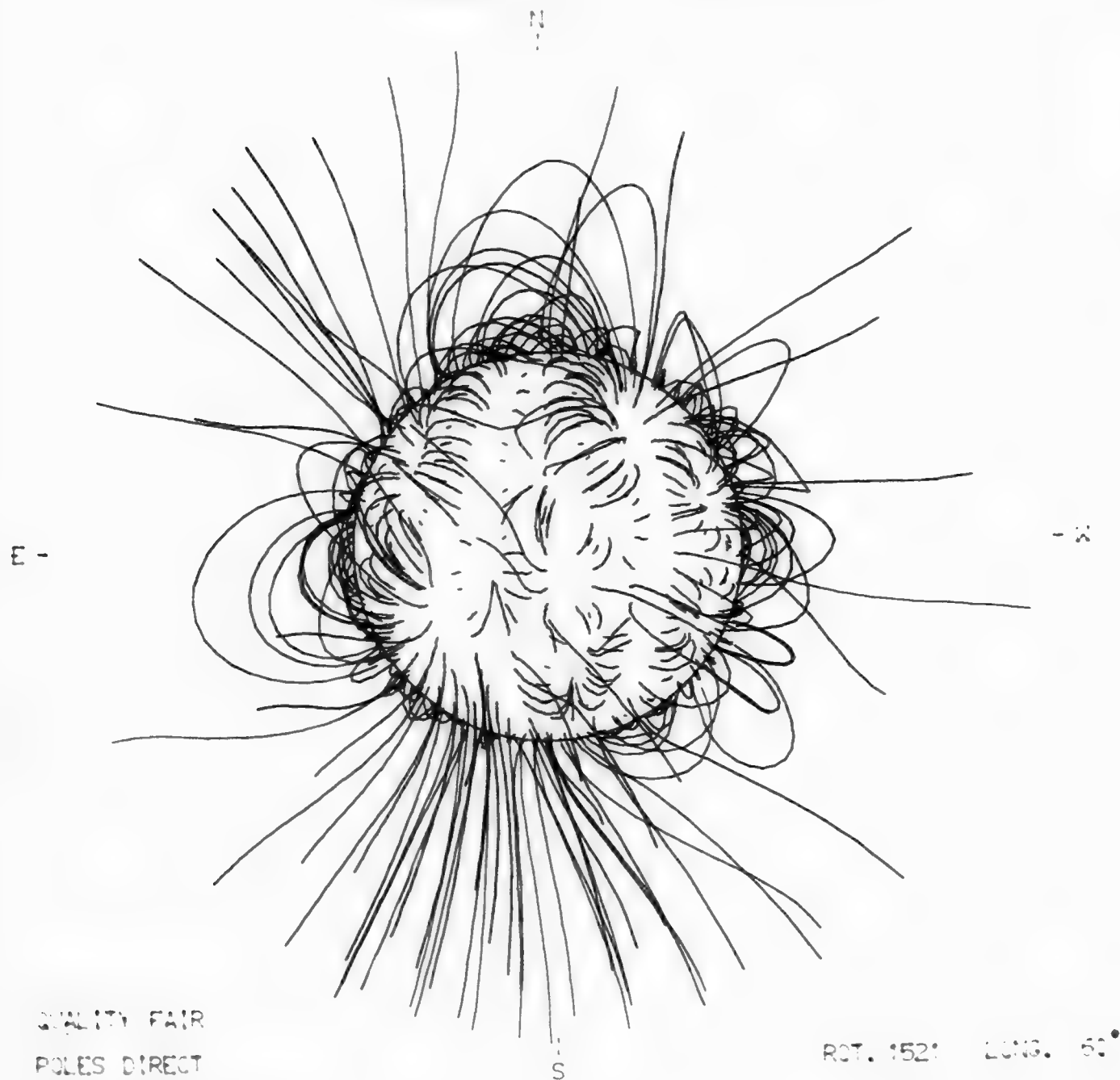
DATA WINDOW 1521.47

S

ROT. 1521 LONG. 70°

6.3 JUL 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

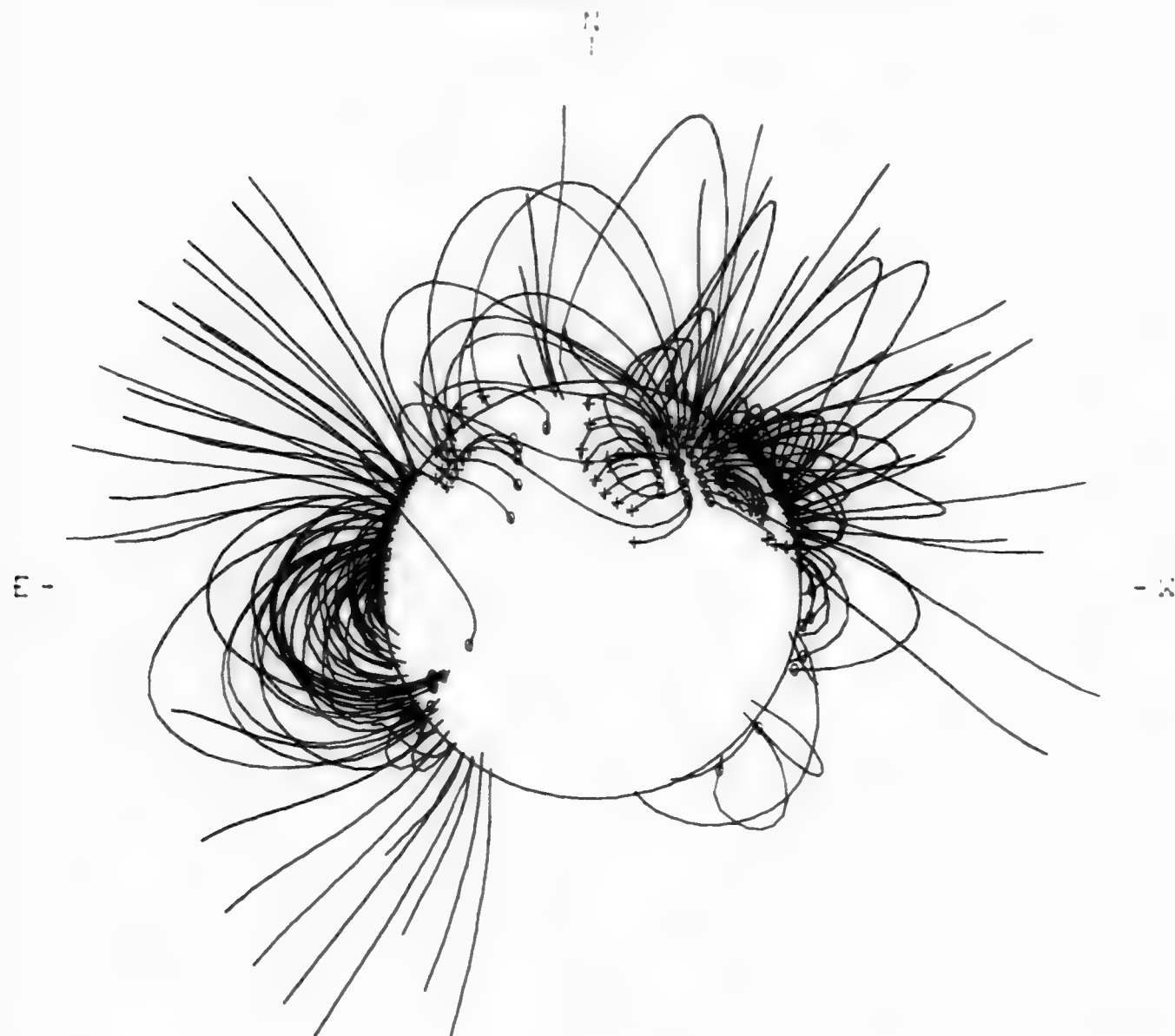
POLES DIRECT

DATA WINDOW 1521.47

ROT. 1521 LONG. 60°

7.1 JUN 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

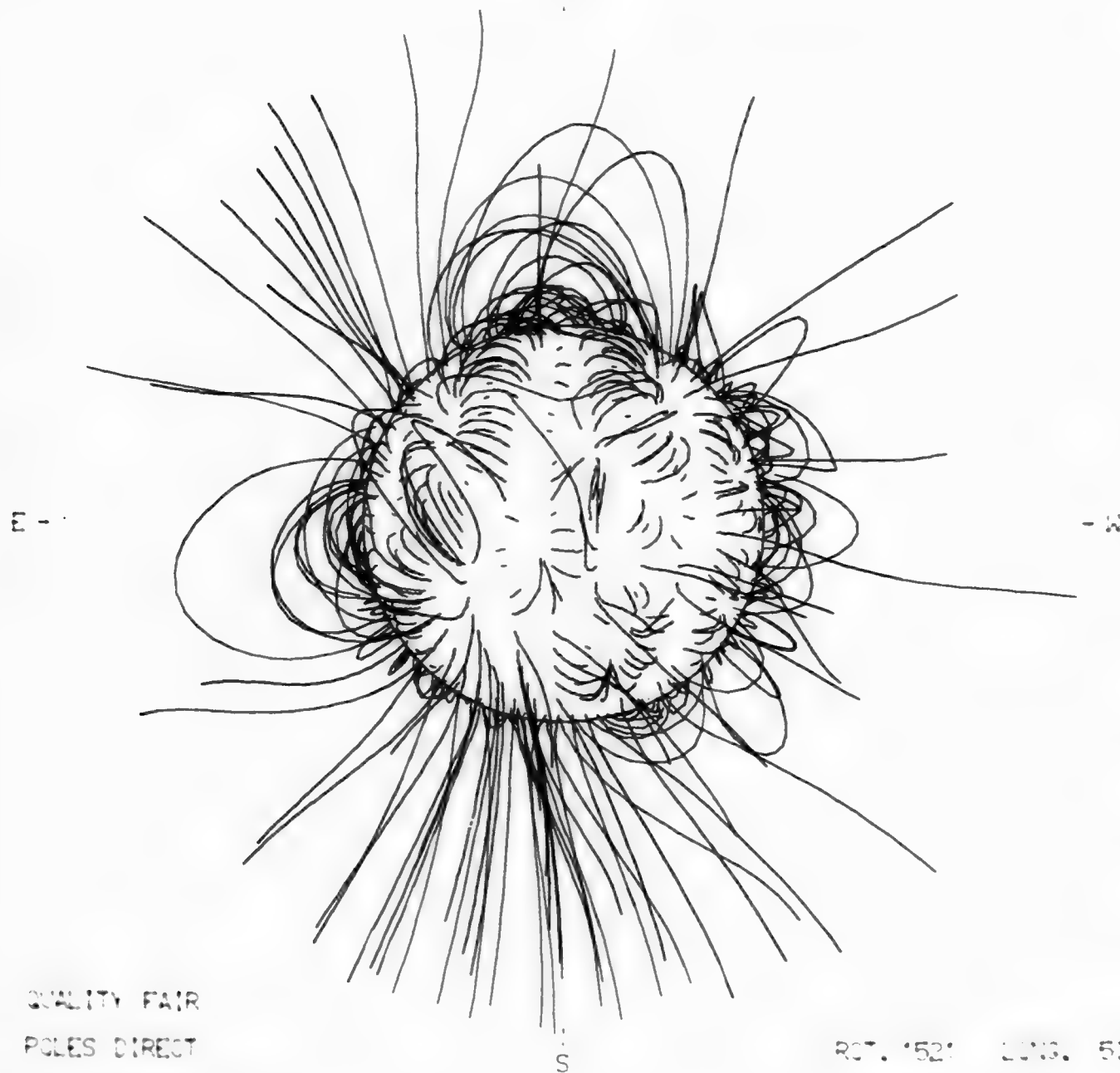
DATA WINDOW 1521.47

S

ROT. 1521 LONG. 50°

T. 1 JUL 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

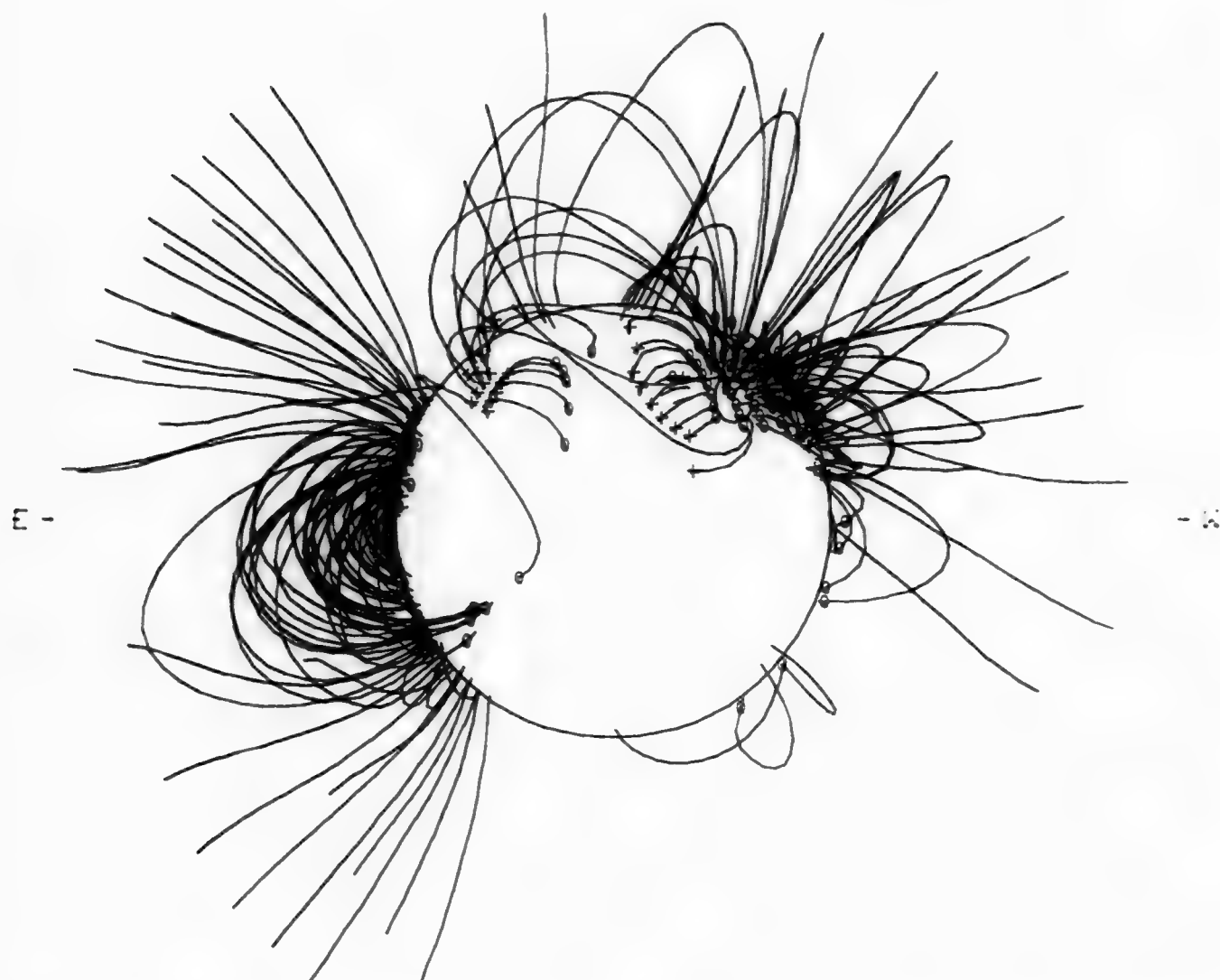
POLES DIRECT

DATA WINDOW 1521.47

ROT. '52: 2013. 50°

7.8 00: 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

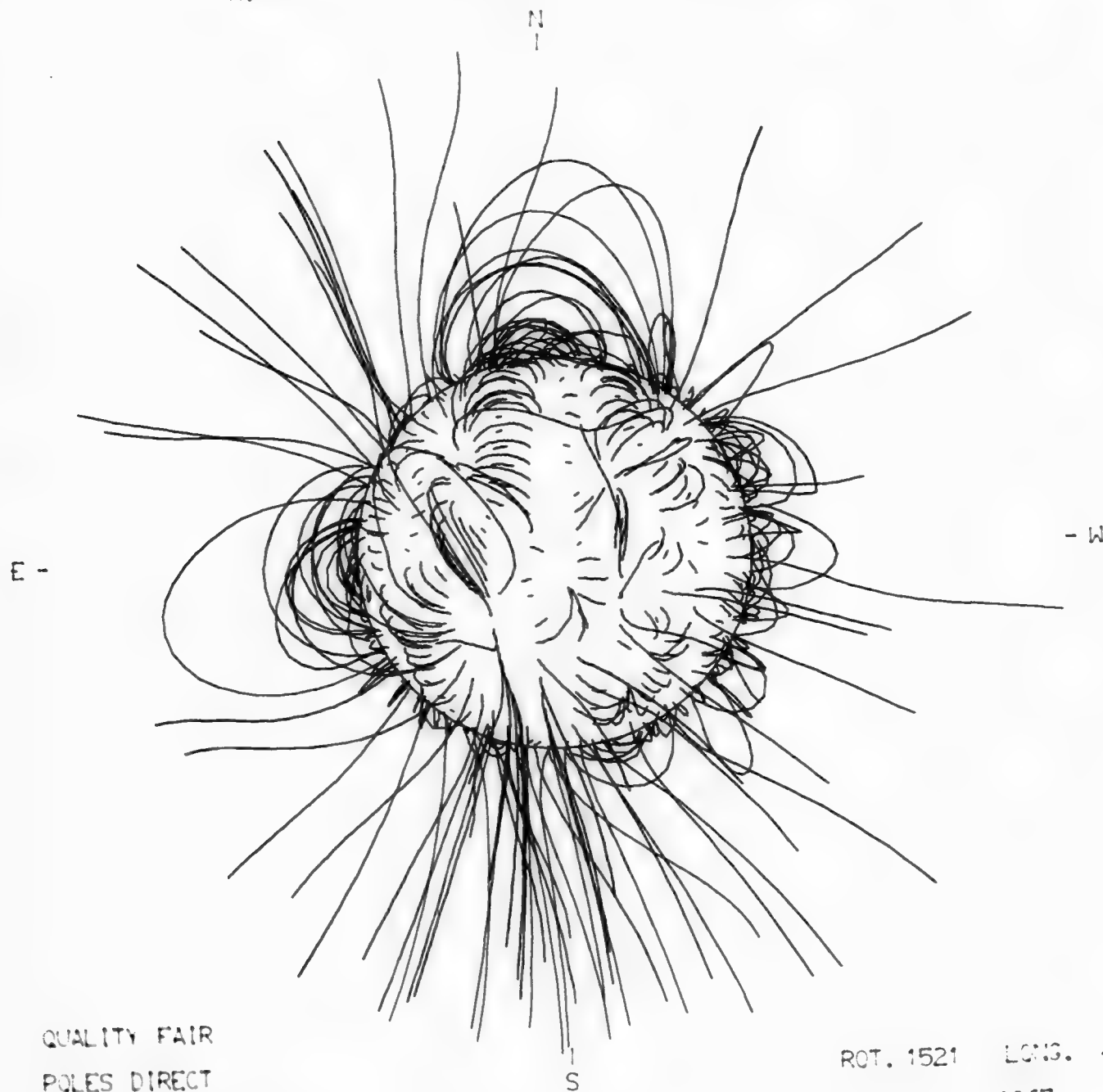
DATA WINDOW 1521.47

S

ROT. '52' LONG. 51°

7.8 0.7 1957

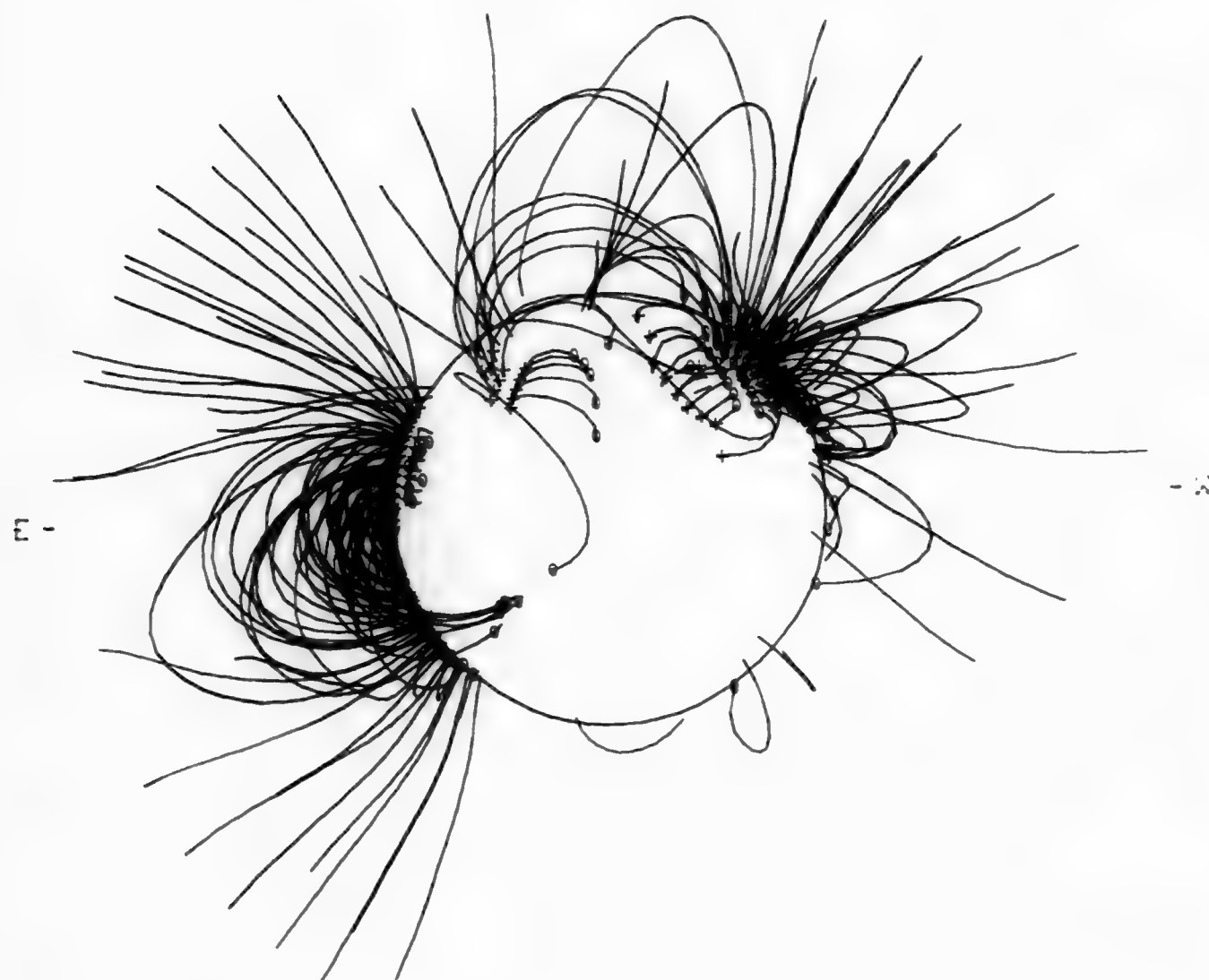
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1521.47

ROT. 1521 LONG. 40°
8.6 JUL 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

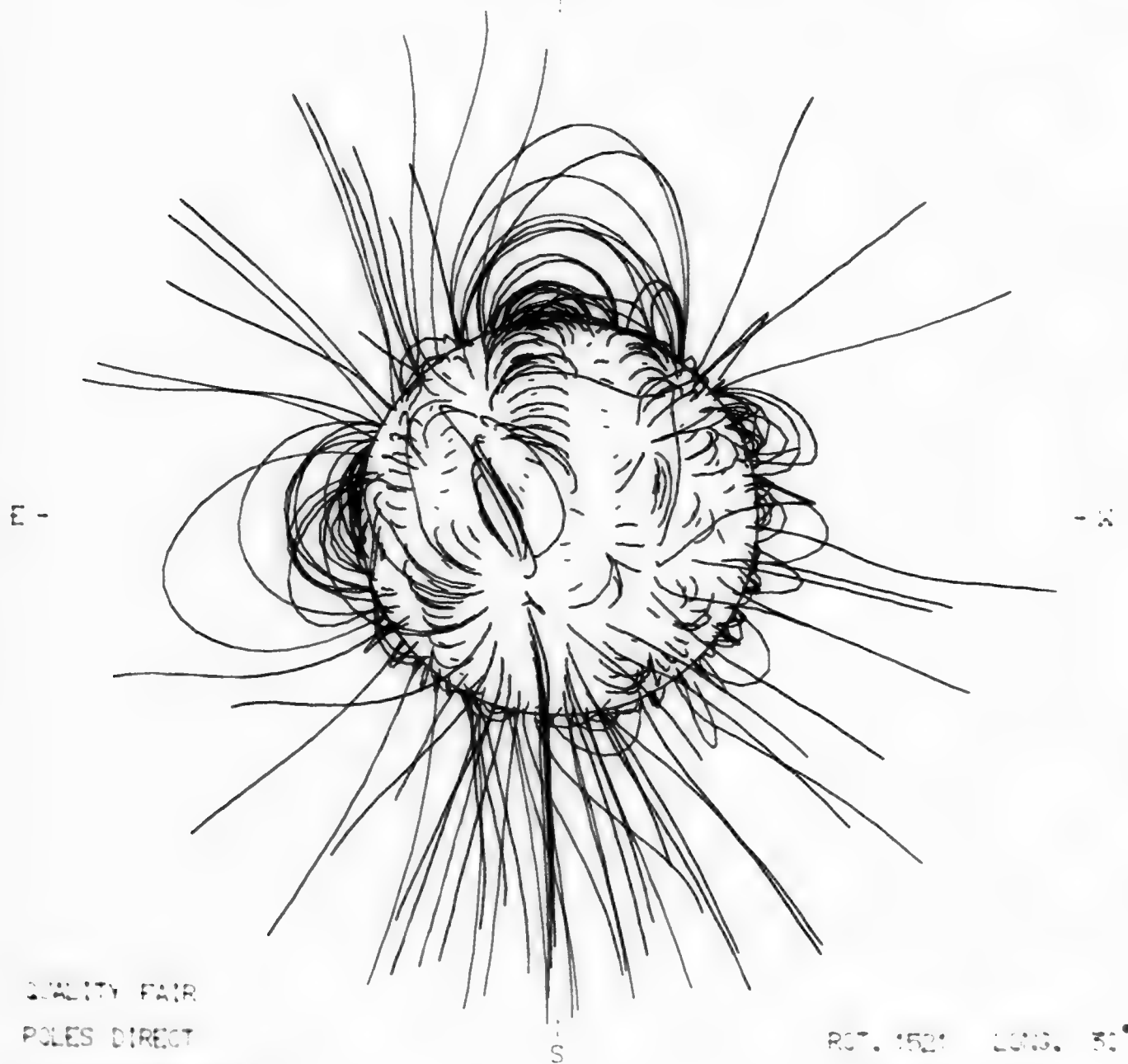
POLES DIRECT

DATA WINDOW 1521.47

S

RJT. '52' LONG. 40°
8.6 JUN 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

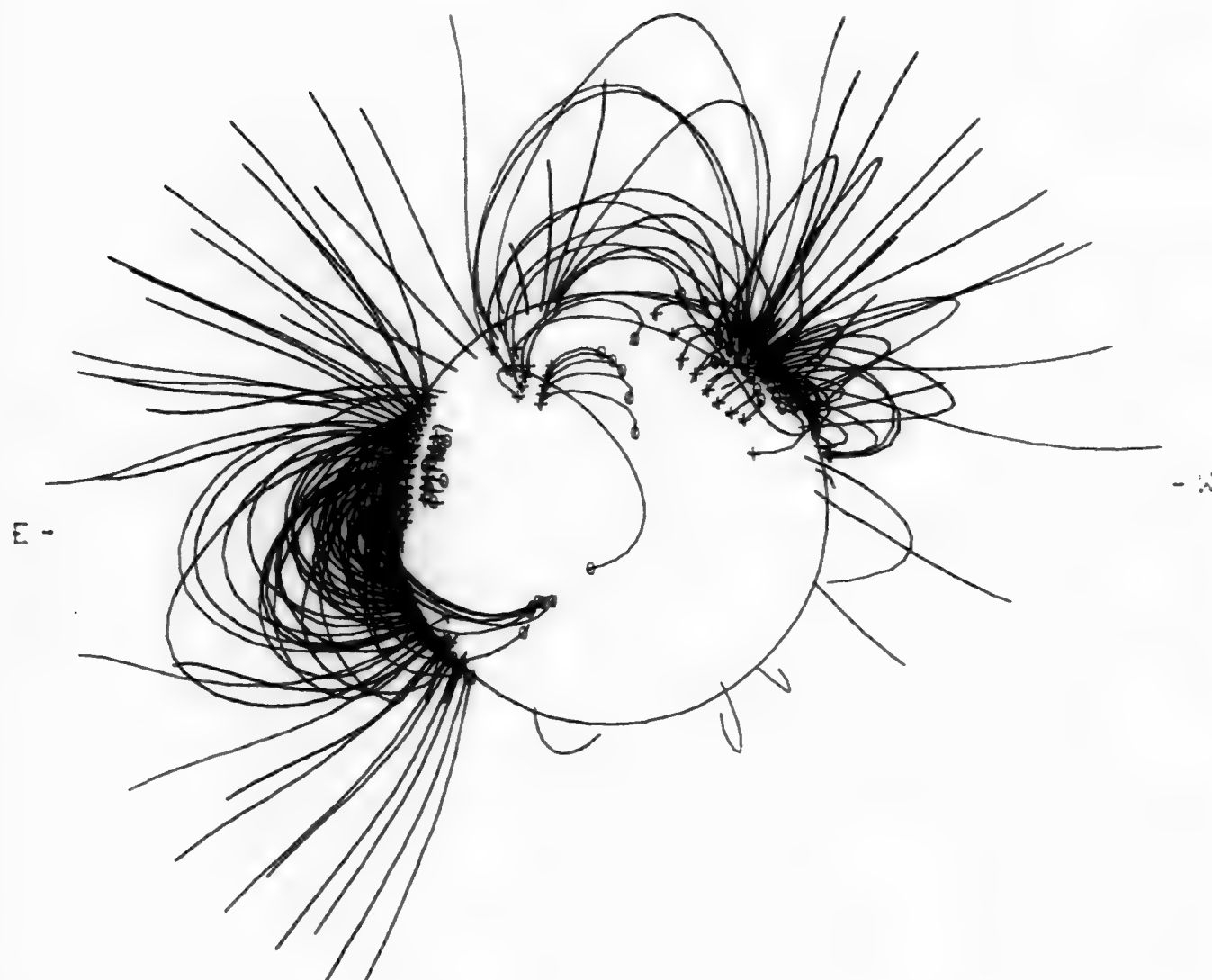
POLES DIRECT

DATA WINDOW 1521.47

ROT. 1521 LONG. 30°

9.4 0.71 1.57

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

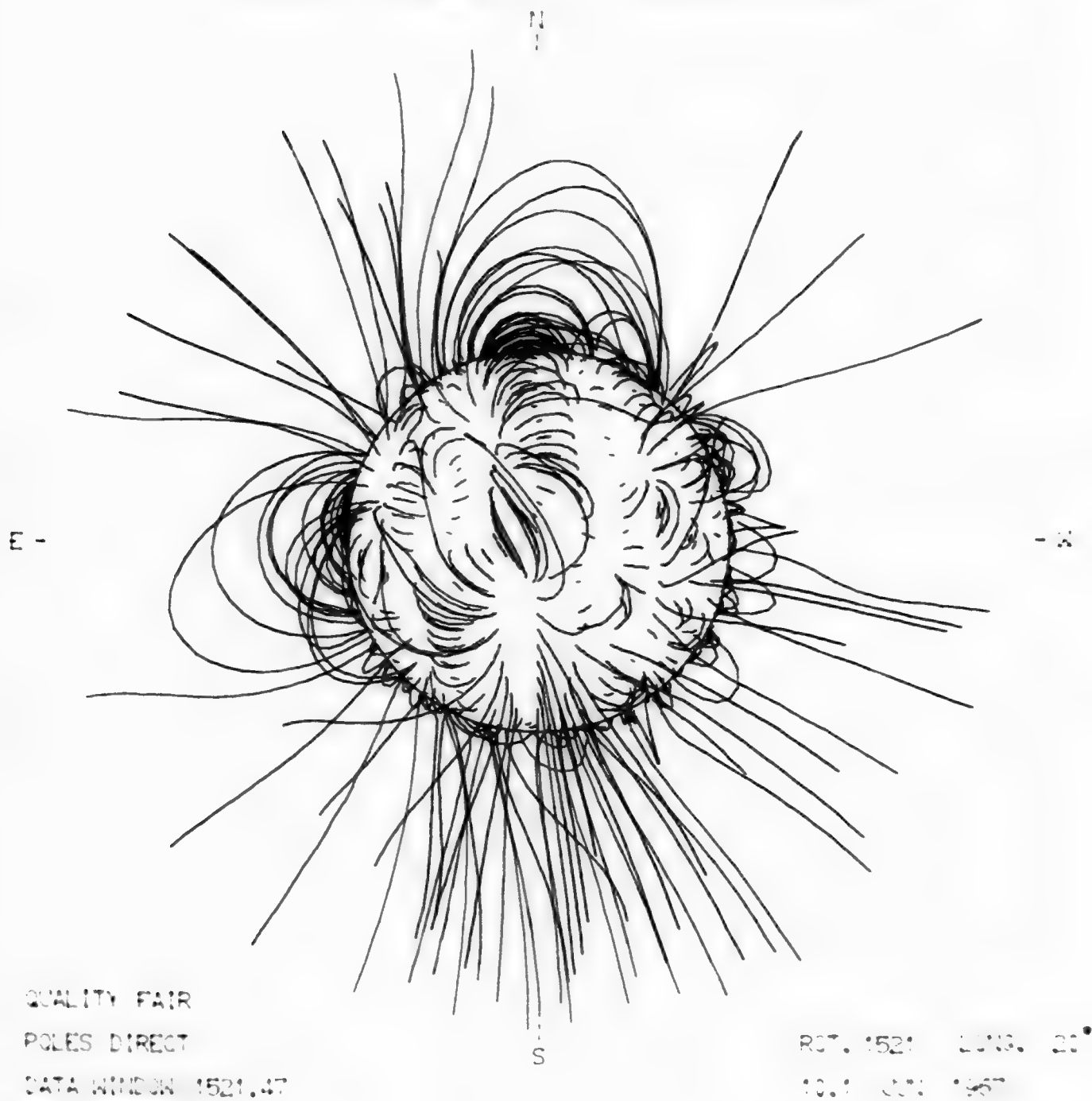


QUALITY FAIR
POLES DIRECT
DATA WINDOW 1521.47

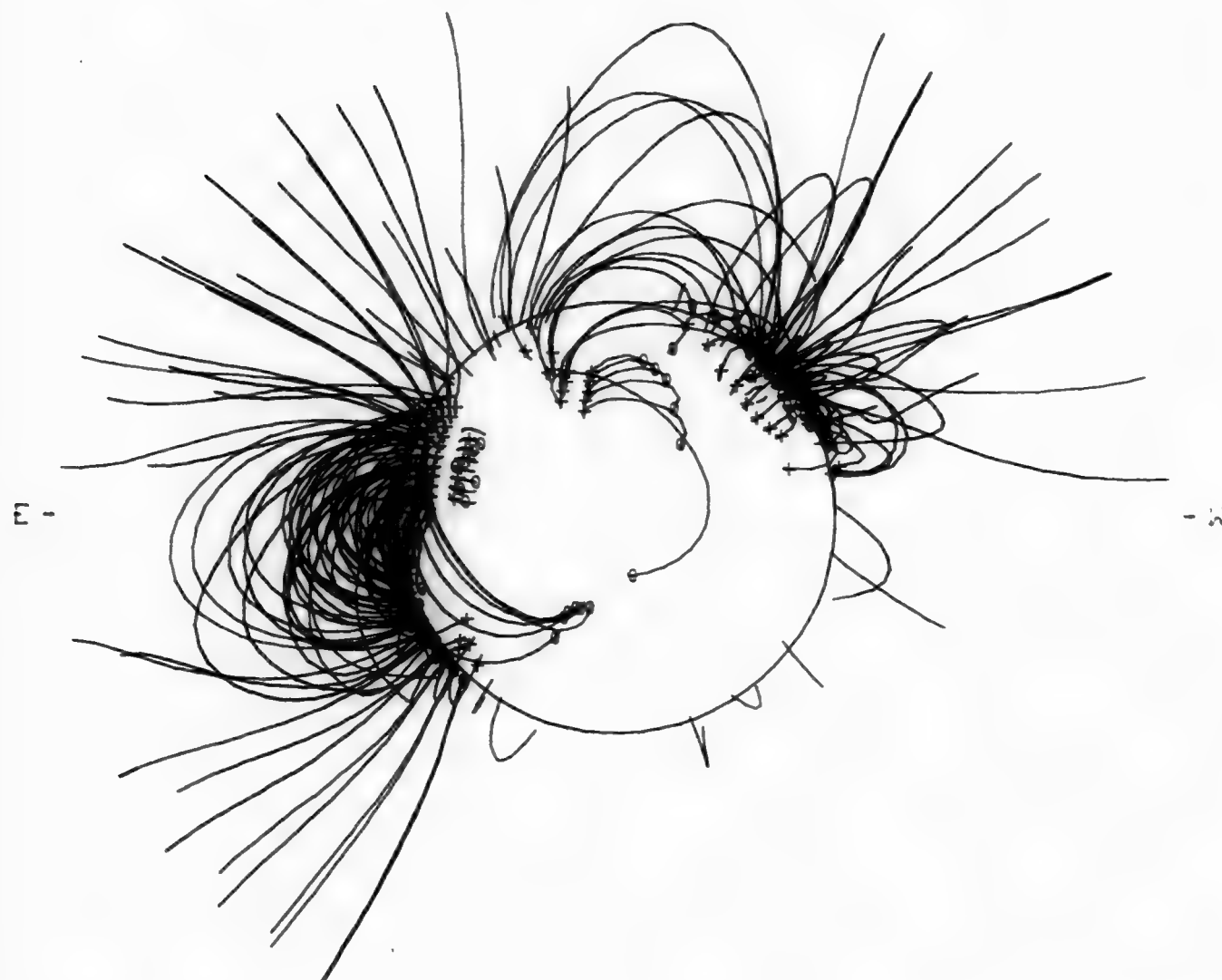
S

ROT. 1521 LONG. 31°
9.4 JUN 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

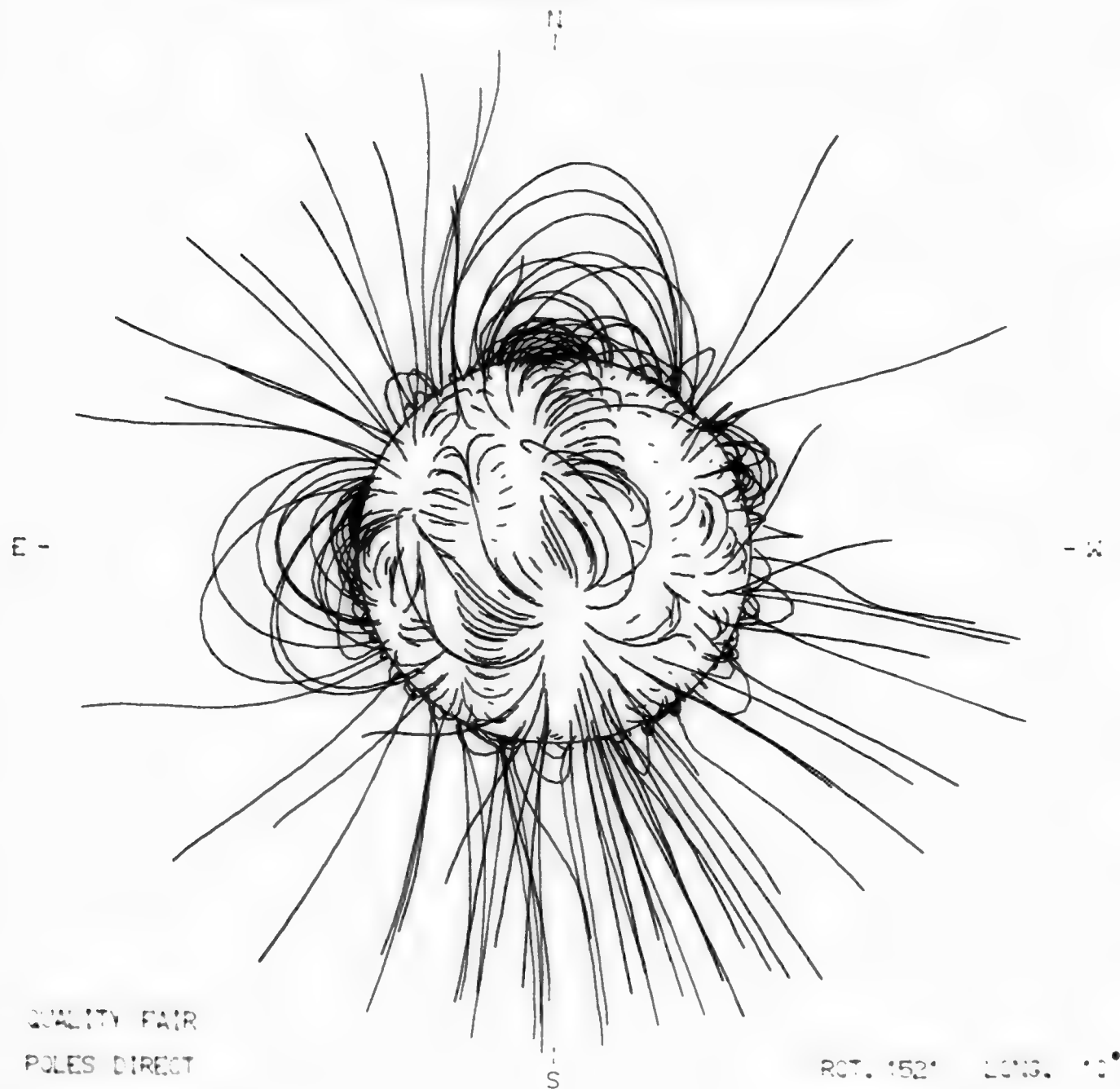
DATA WINDOW 1521.47

1
S

RCT. 1521 LONG. 20°

10.1 JUN 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1521.47

ROT. 152° LONG. 10°

10.9 100 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

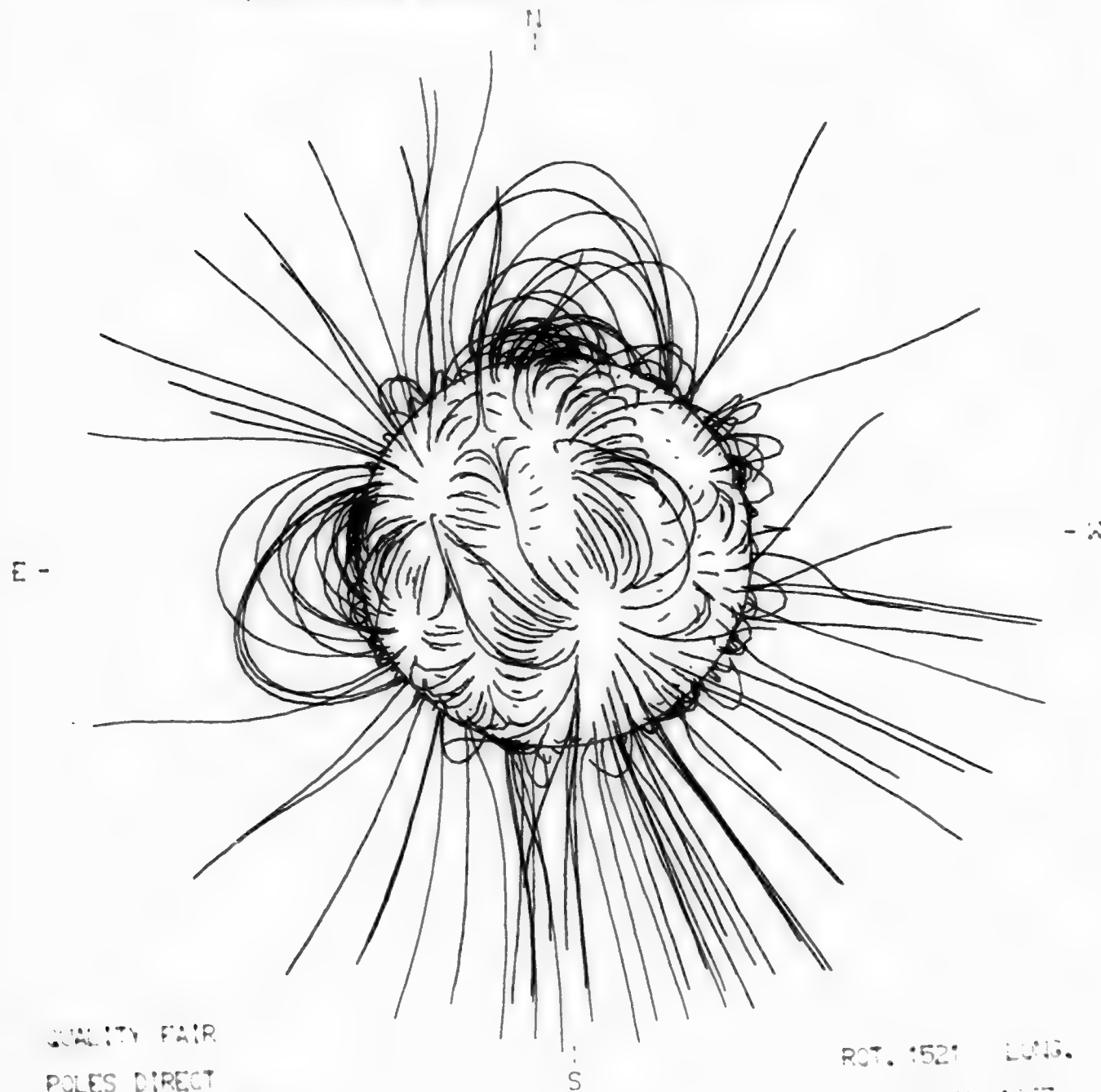


QUALITY FAIR
POLES DIRECT
DATA WINDOW 1521.47

1
S

ROT. 1521 LONG. 10°
10.9 0.71 0.67

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

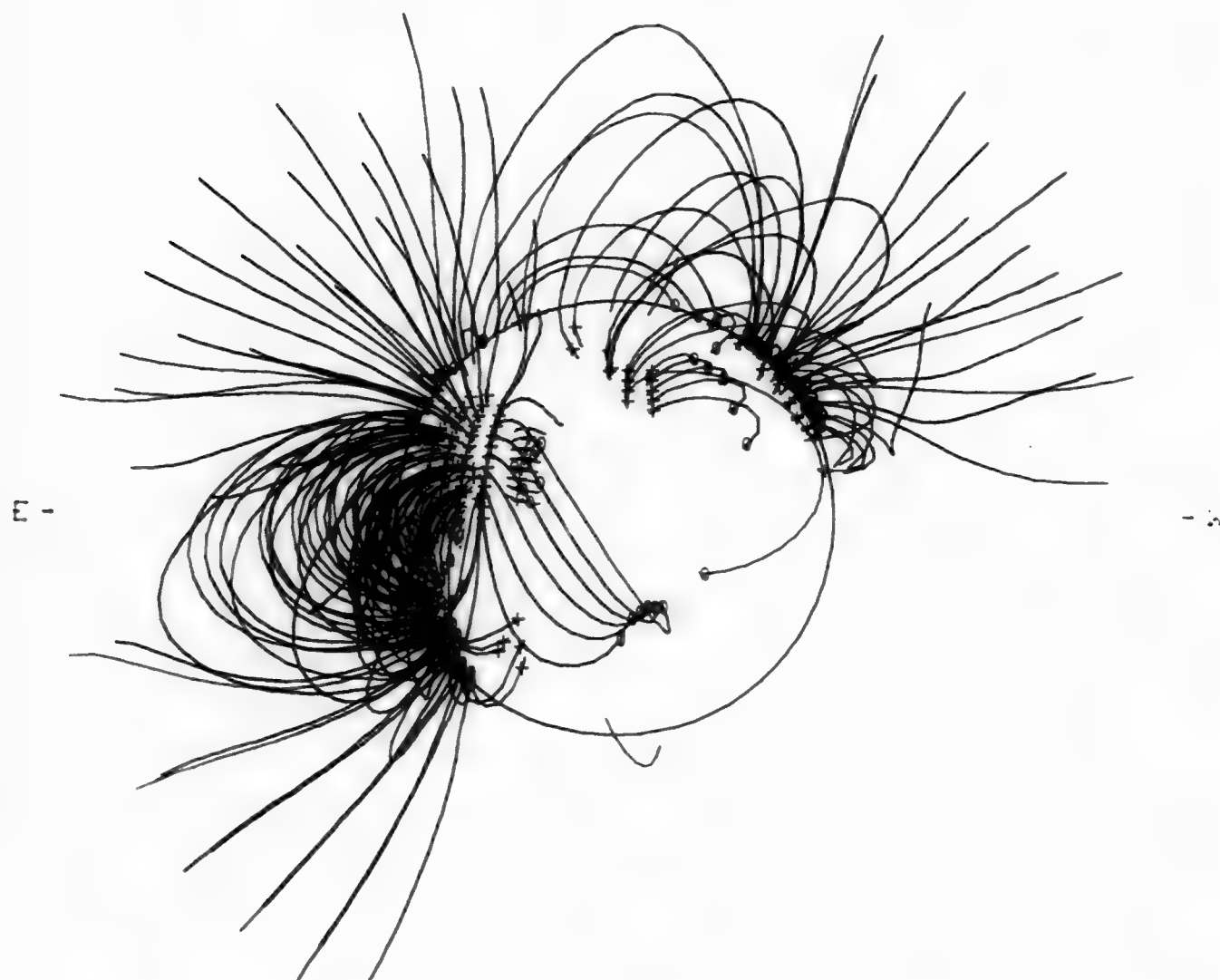
POLES DIRECT

DATA WINDOW 1521.47

ROT. 1521 LONG. 1°
11.6 JUL 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES

N
!



QUALITY FAIR

POLES DIRECT

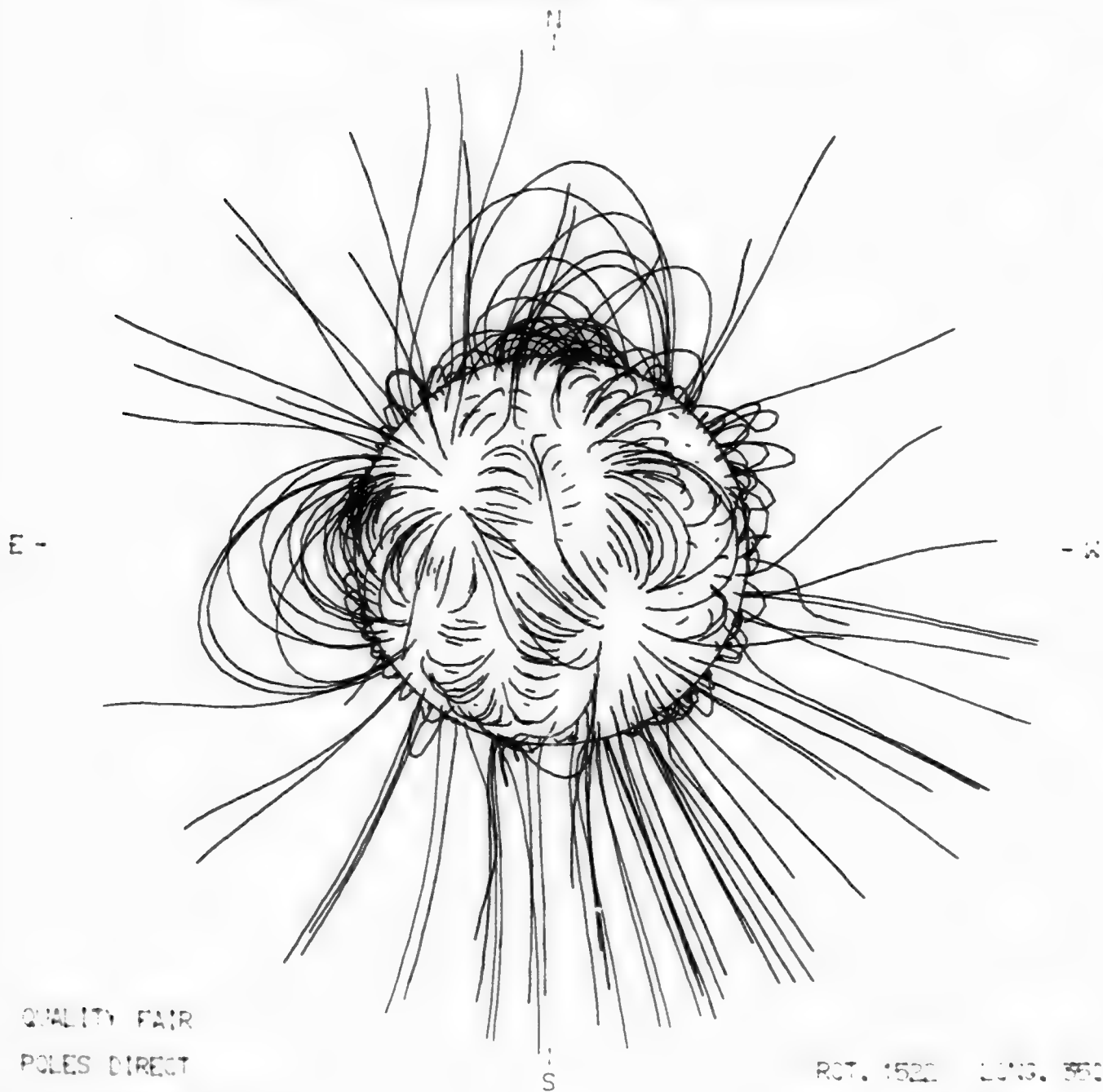
DATA WINDOW 1521.47

!
S

ROT. '52' 2013. 0°

11.6 001 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

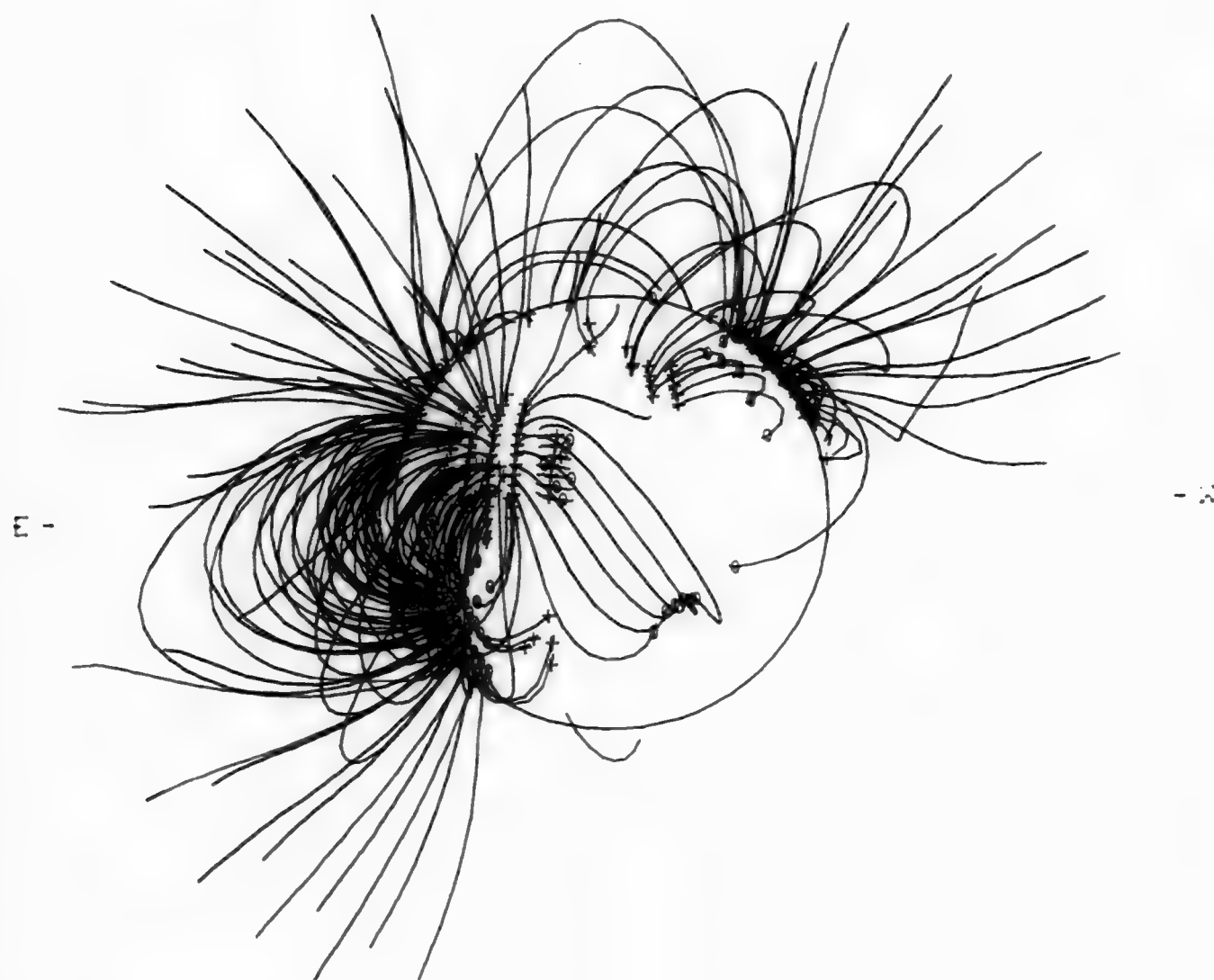
POLES DIRECT

DATA WINDOW 1521.47

ROT. 1522 LONG. 350°

12.4 JUL 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

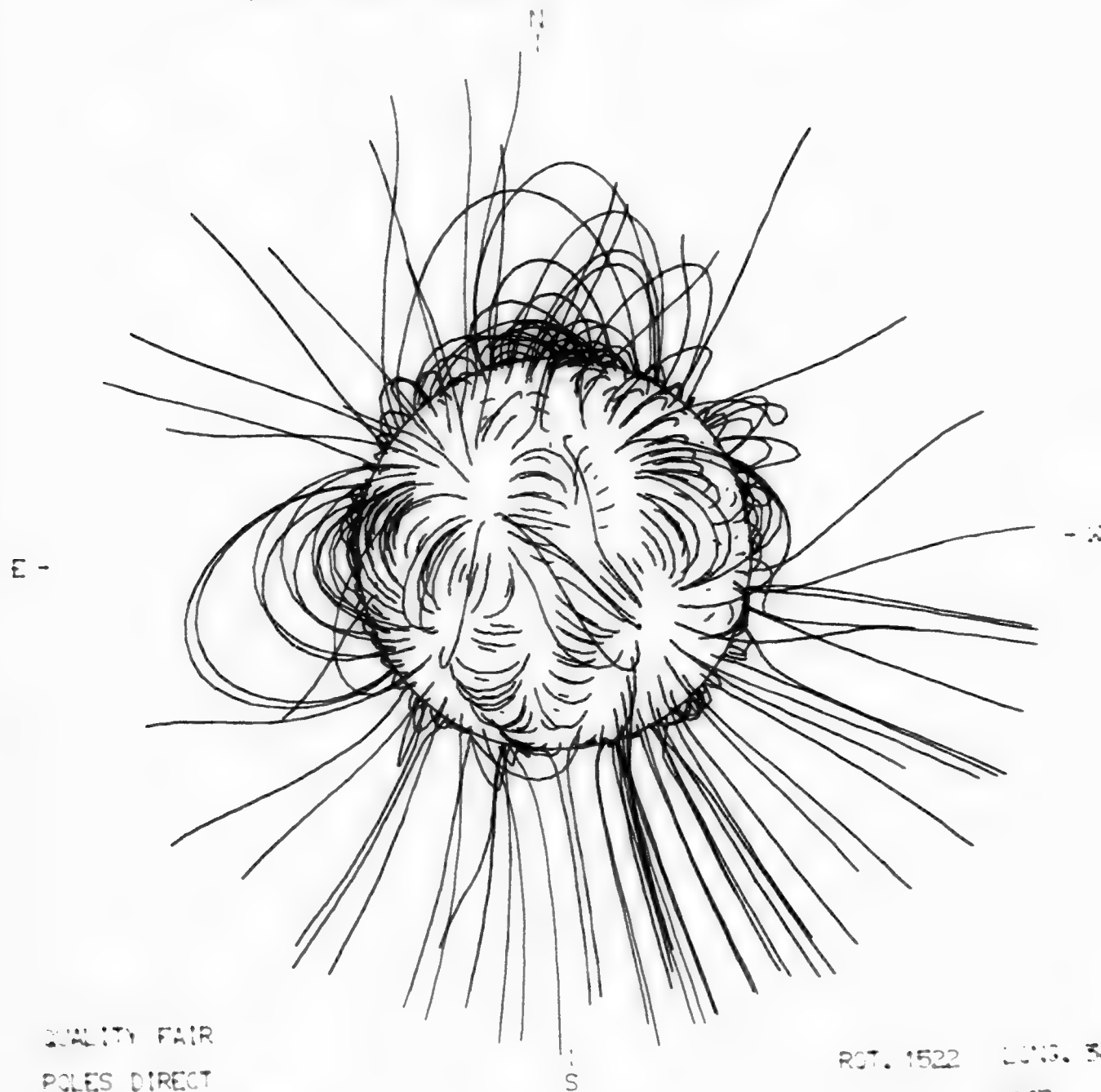
DATA WINDOW 1521.47

:
S

ROT. 1522 LONG. 350°

12.4 JUN 1967

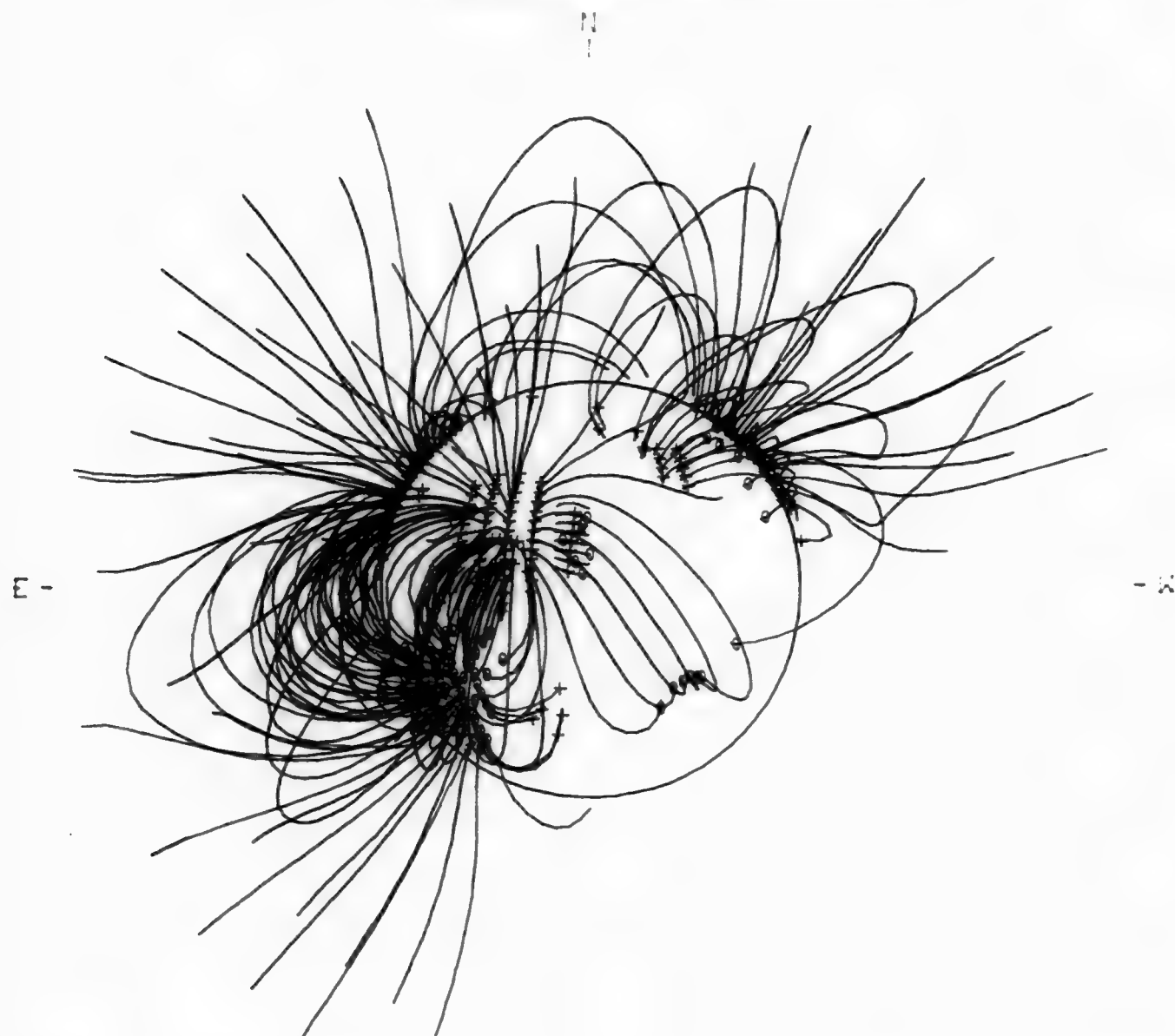
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1521.47

ROT. 1522 LONG. 340°
13.1 JUN 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

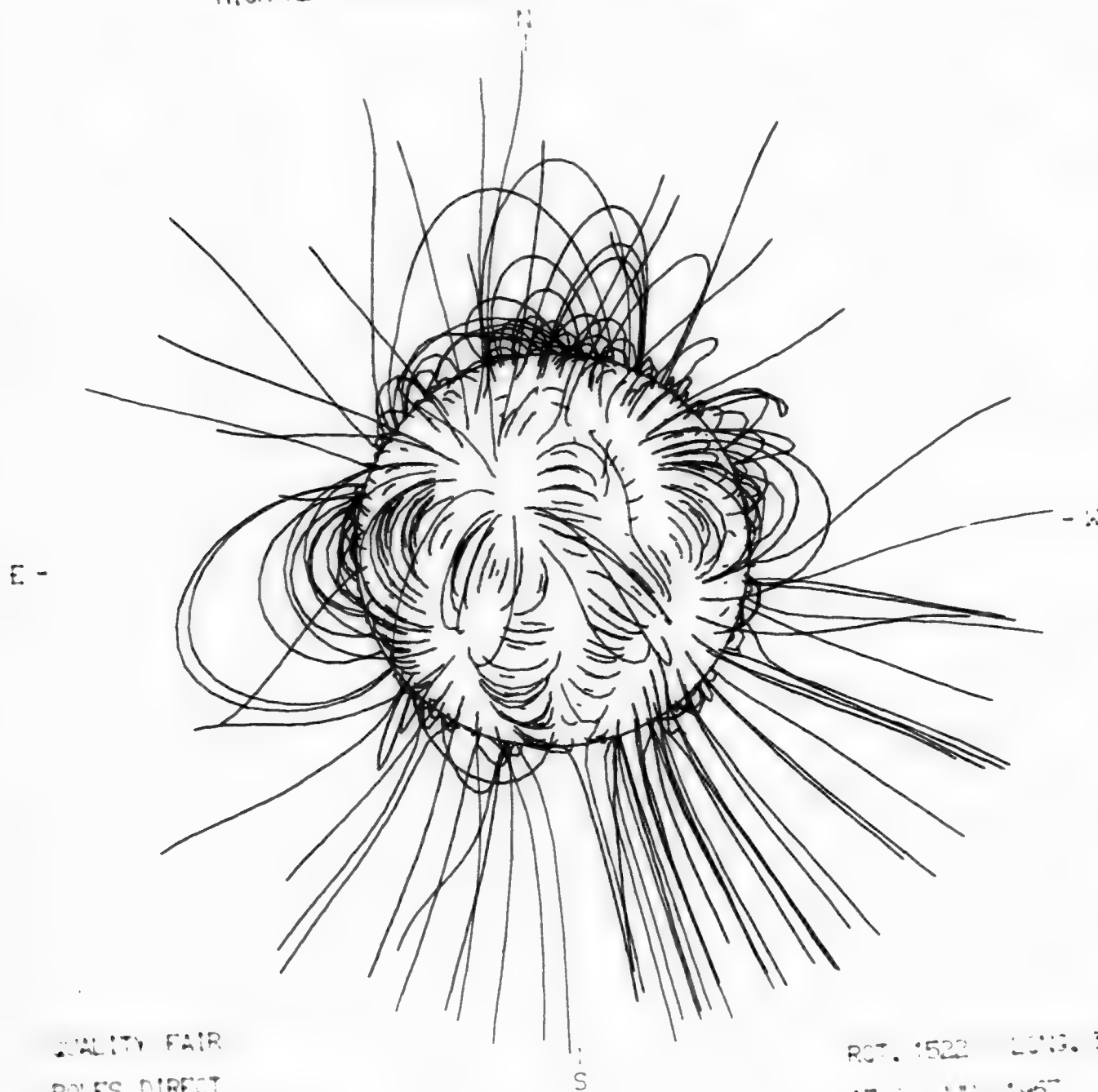
DATA WINDOW 1521.47

S

ROT. 1522 LONG. 540°

13.1 JUL 1967

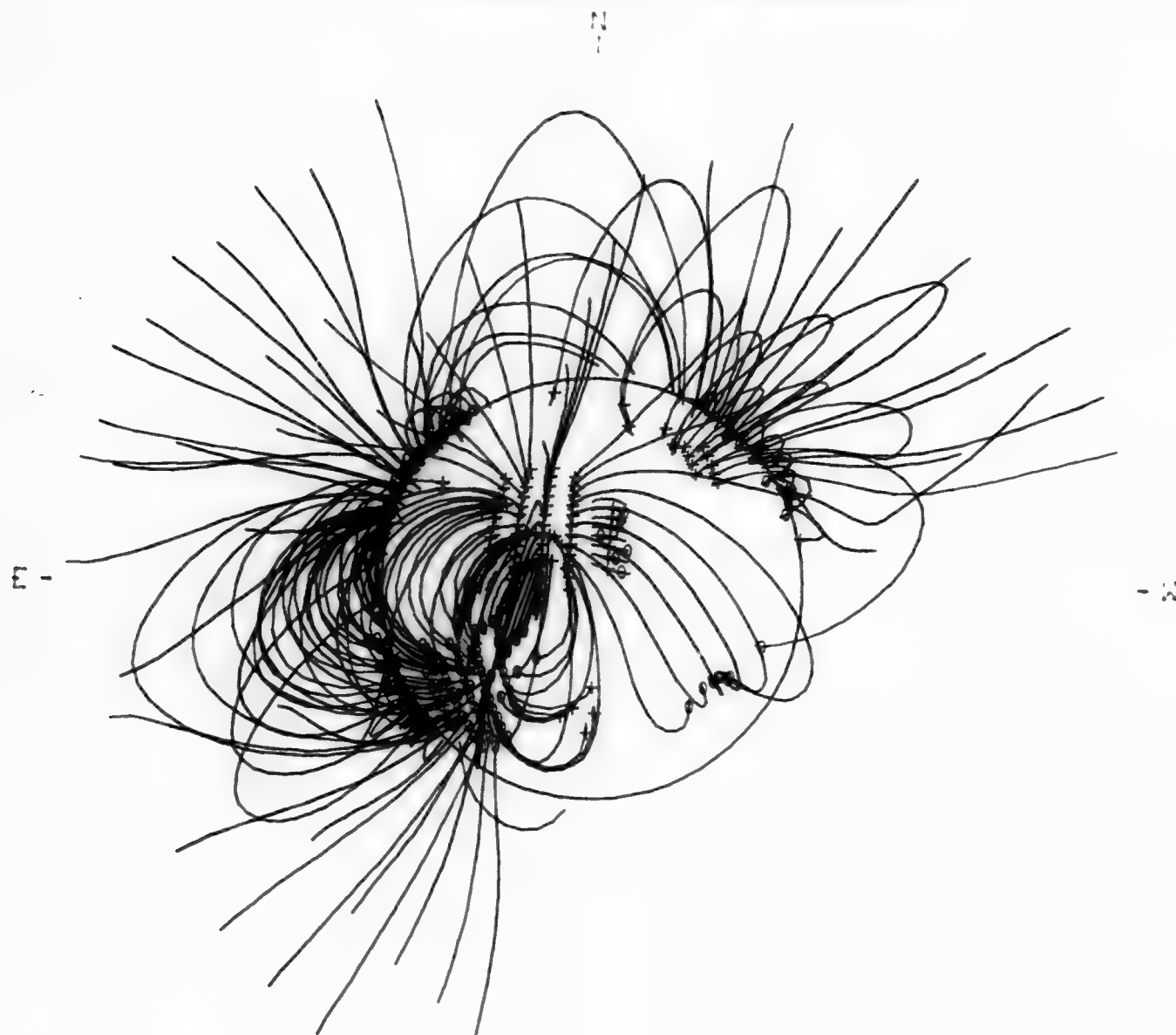
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1521.47

RCT. 1522 LONG. 550°
13.9 JUN 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1521.47

1
S

ROT. 1522 LONG. 351°

13.9 OCT 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



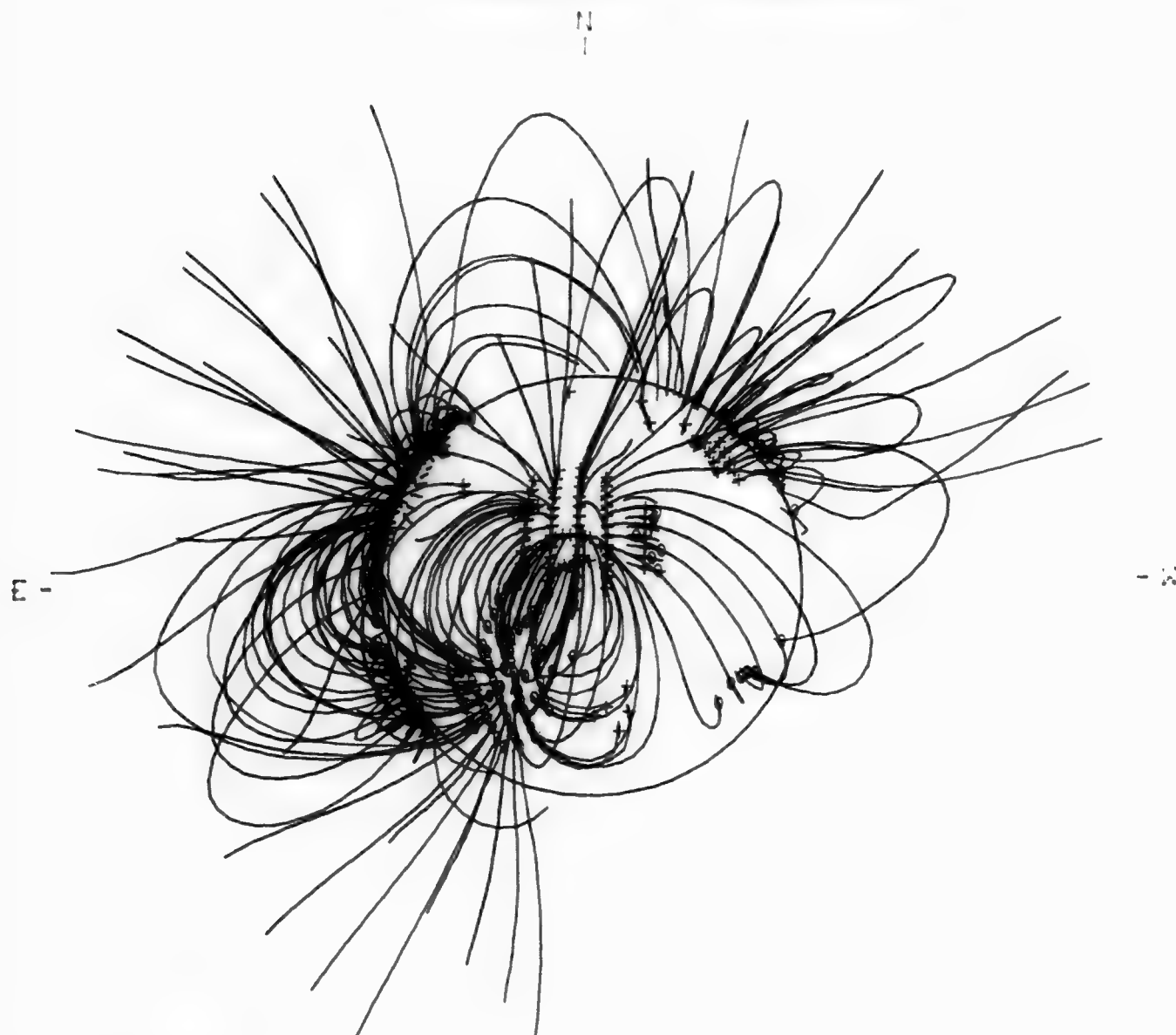
QUALITY FAIR

POLES DIRECT

DATA WINDOW 1521.47

ROT. 1522 LONG. 321°
14.7 JUL 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1521.47

↓
S

ROT. 1522 LONG. 320°

14.7 OCT 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

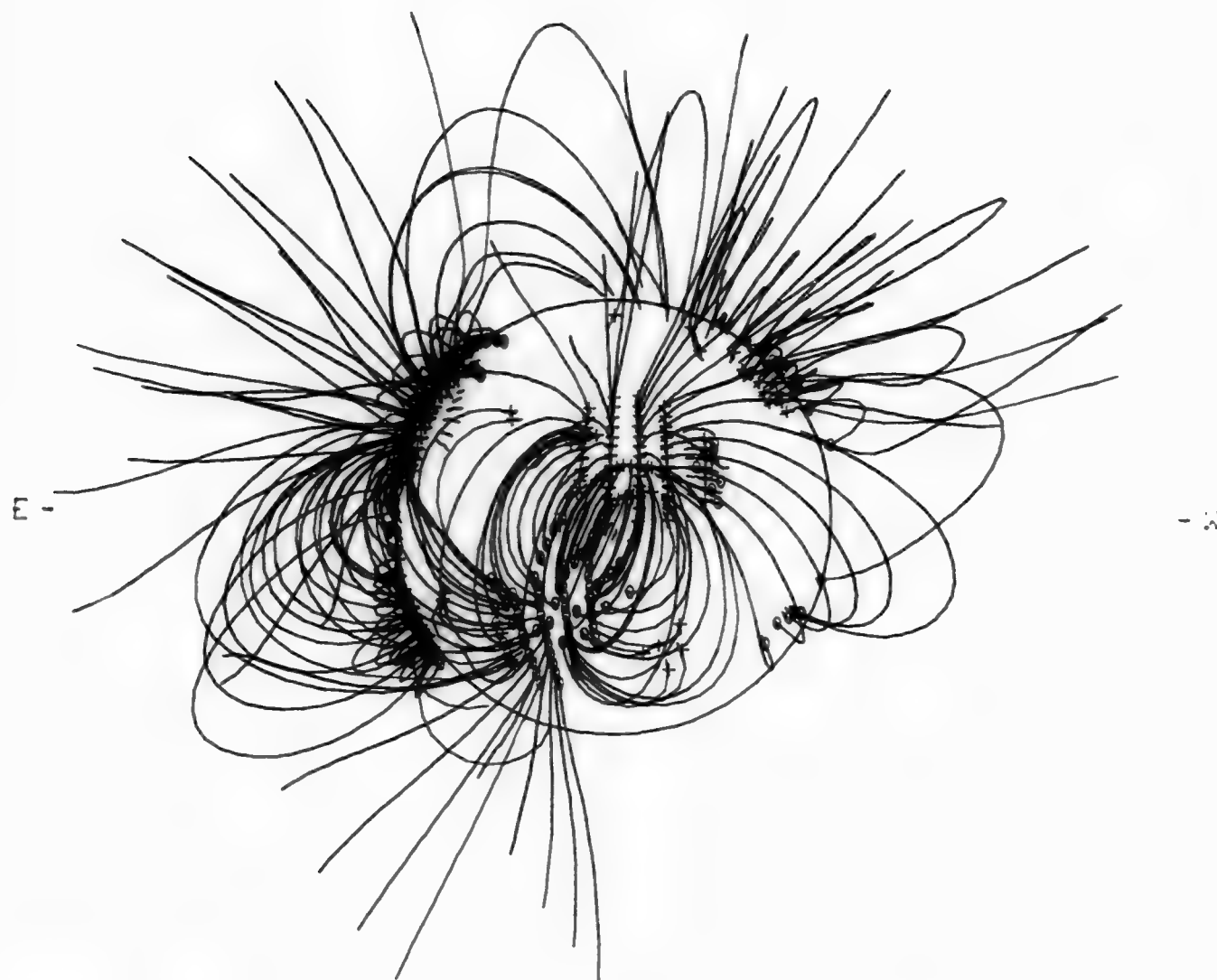
POLES DIRECT

DATA WINDOW 1521.47

ROT. 1522 LONG. 3° 1'

15.4 JUN 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

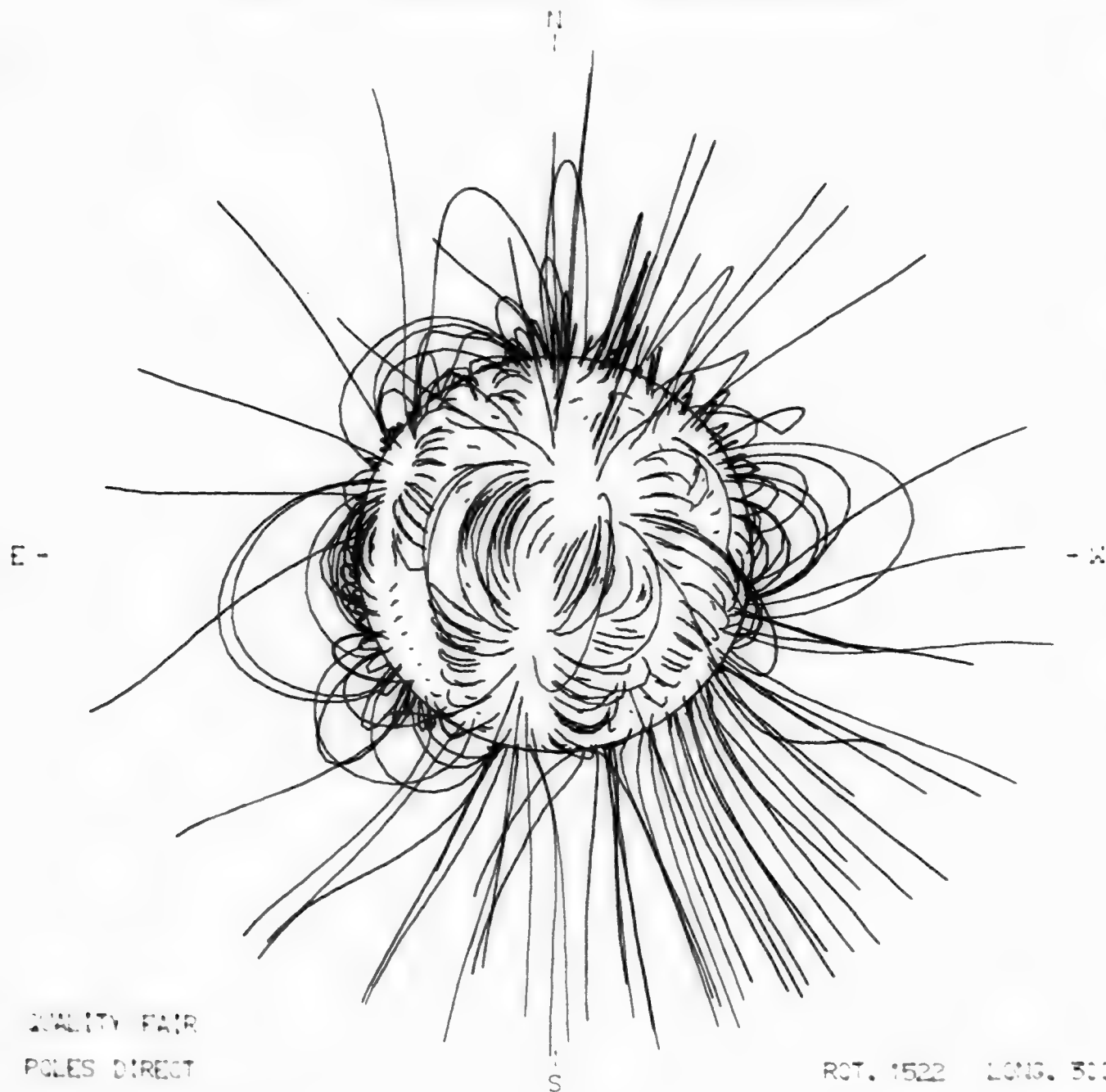
DATA WINDOW 1521.47

S

ROT. 1522 LONG. 310°

15.4 JUN 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



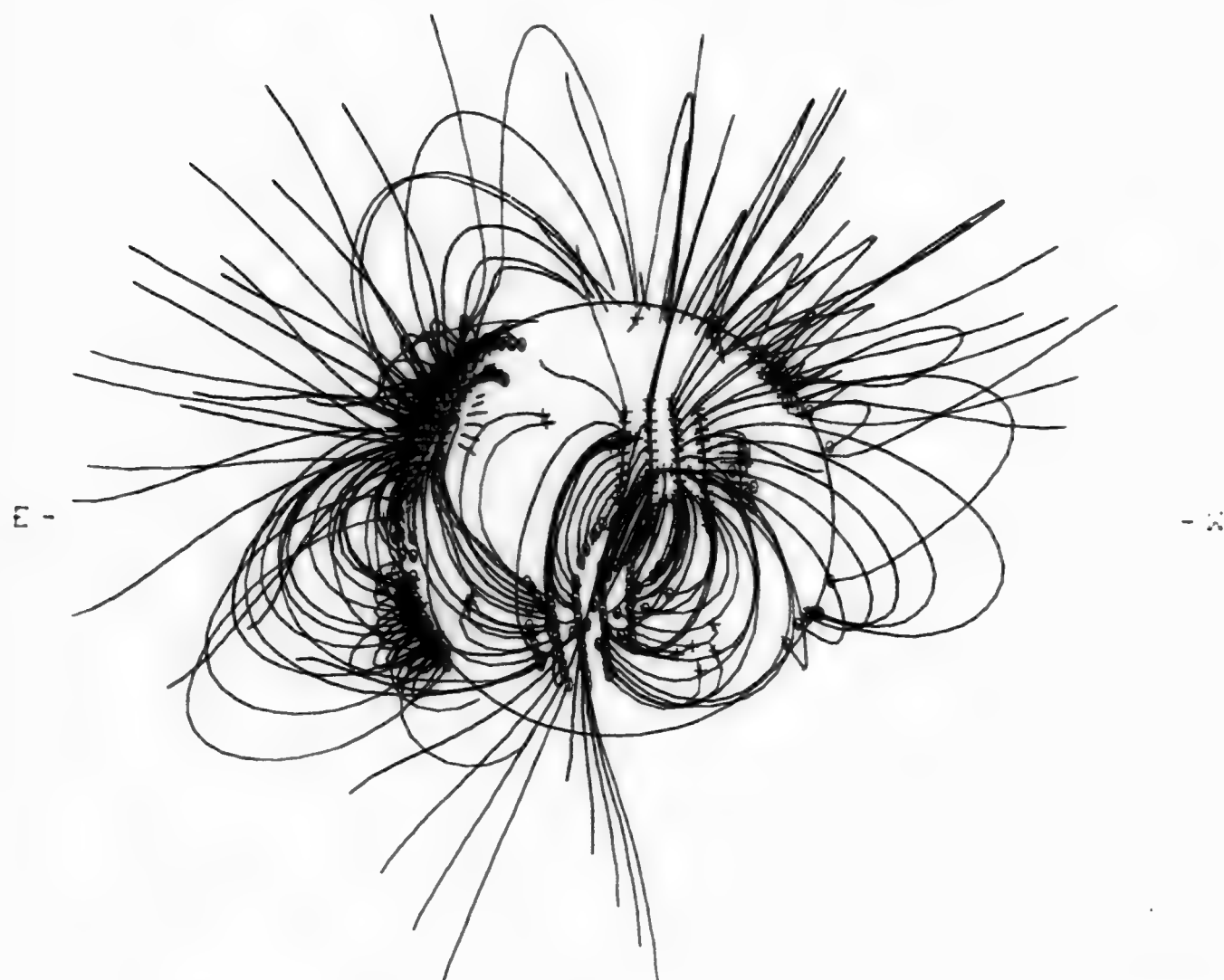
QUALITY FAIR

POLES DIRECT

DATA WINDOW 1521.47

ROT. 1522 LONG. 300°
15.2 100 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

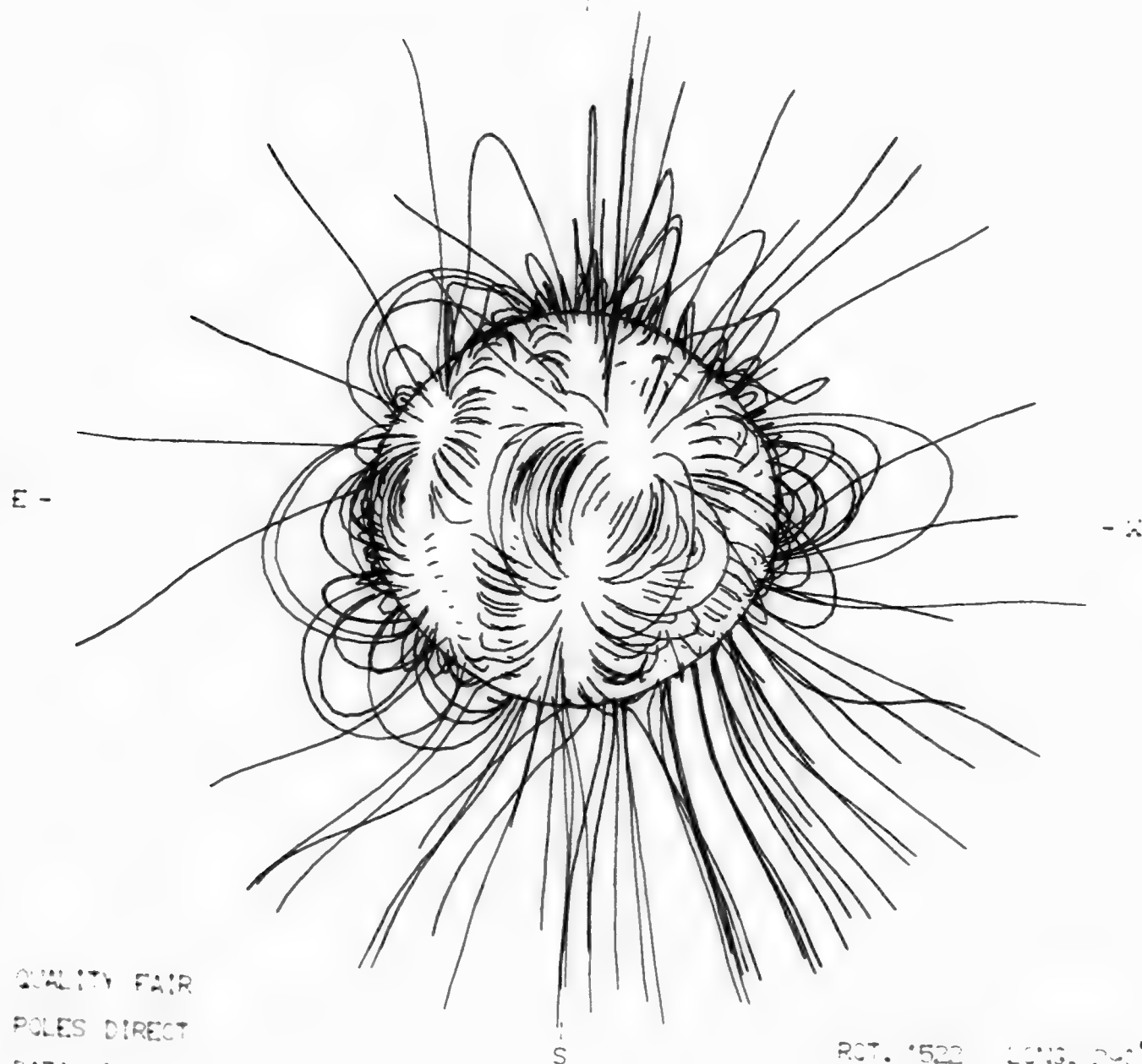
DATA WINDOW 1521.47

1
S

ROT. 1522 LONG. 300°

16.2 JUN 1967

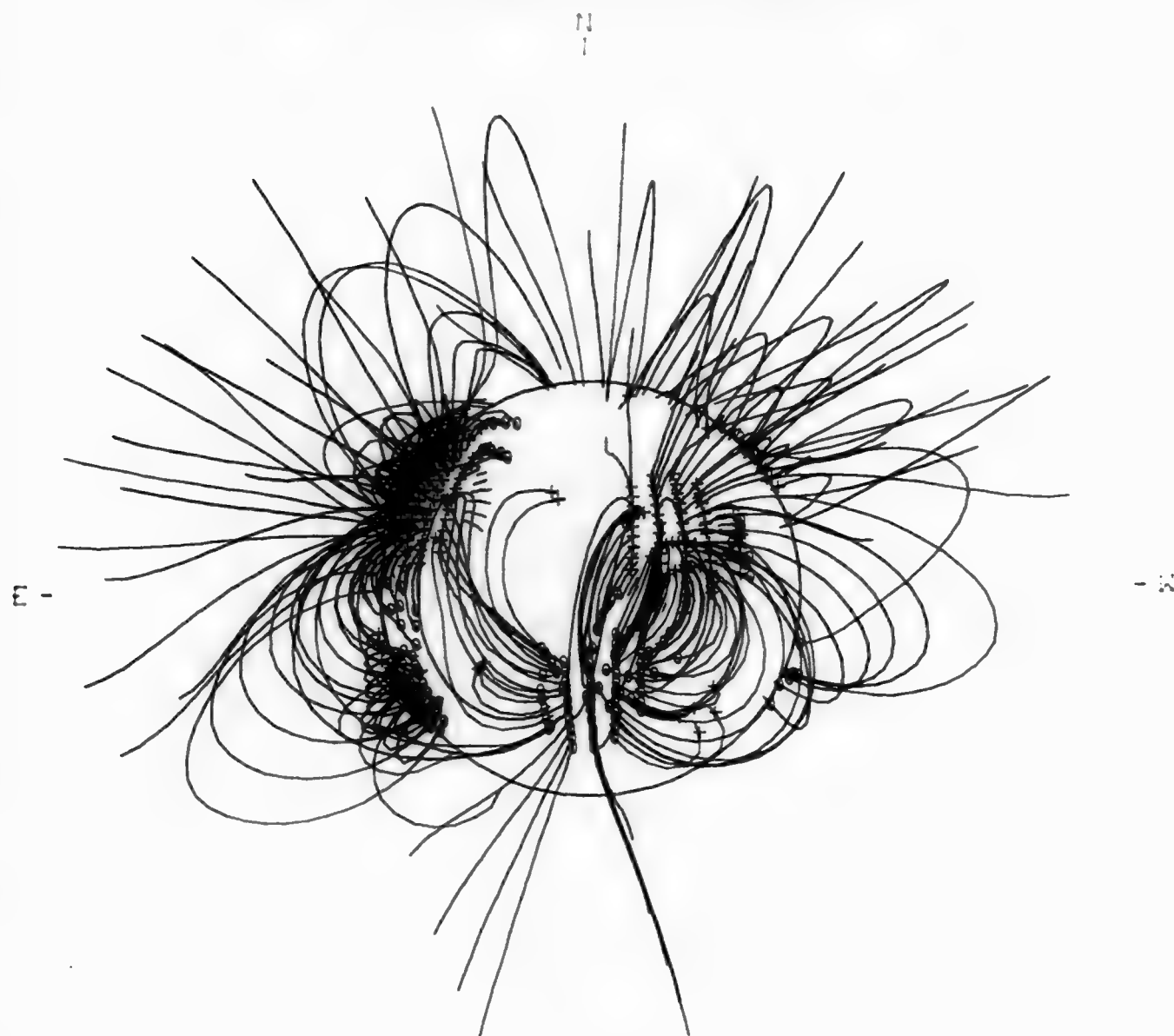
HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1521.47

ROT. 1522 2013.240°
16.9 0.01 1957

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

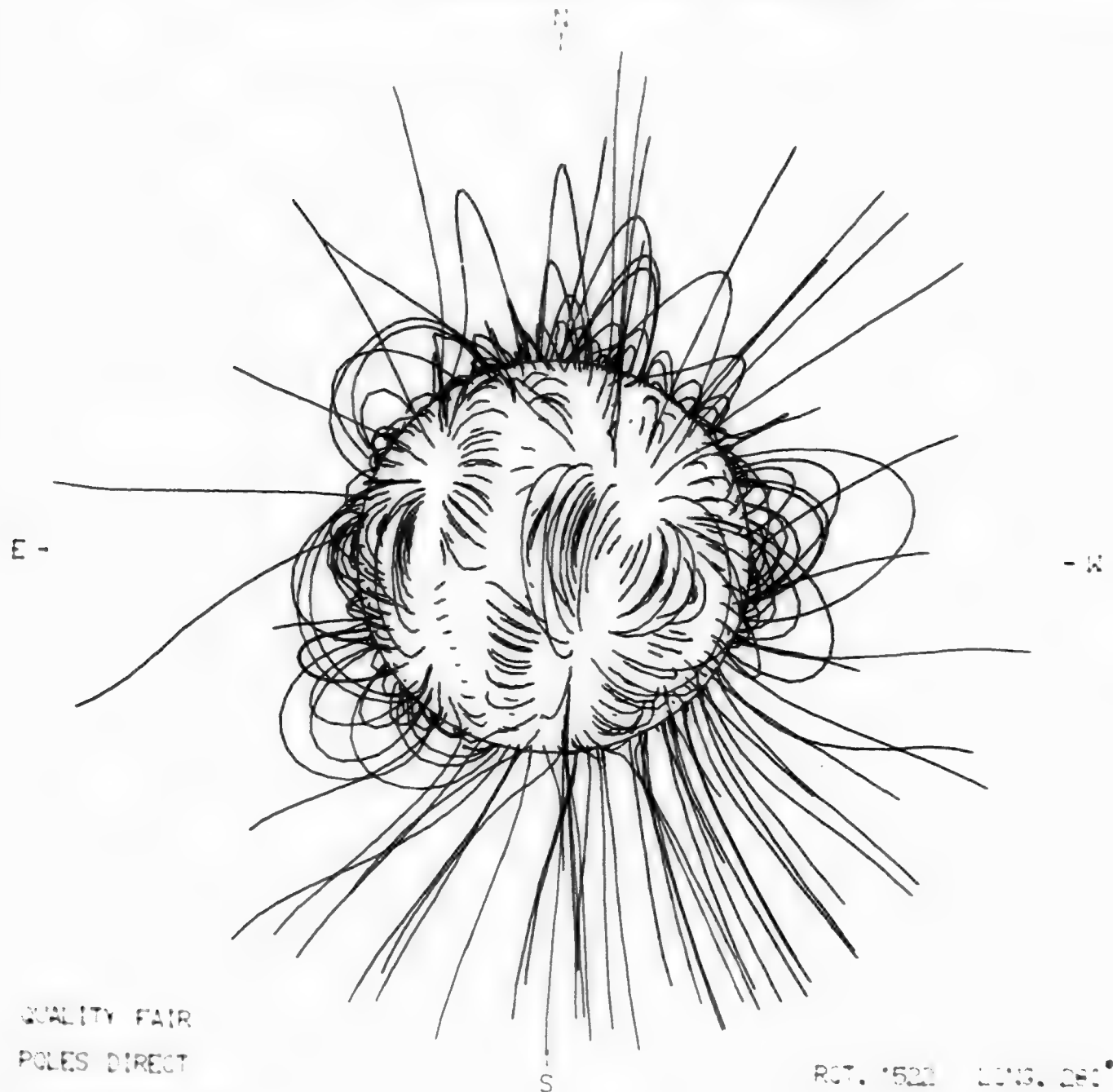
DATA WINDOW 1521.47

1
S

ROT. 1522 LONG. 291°

16.9 OCT 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

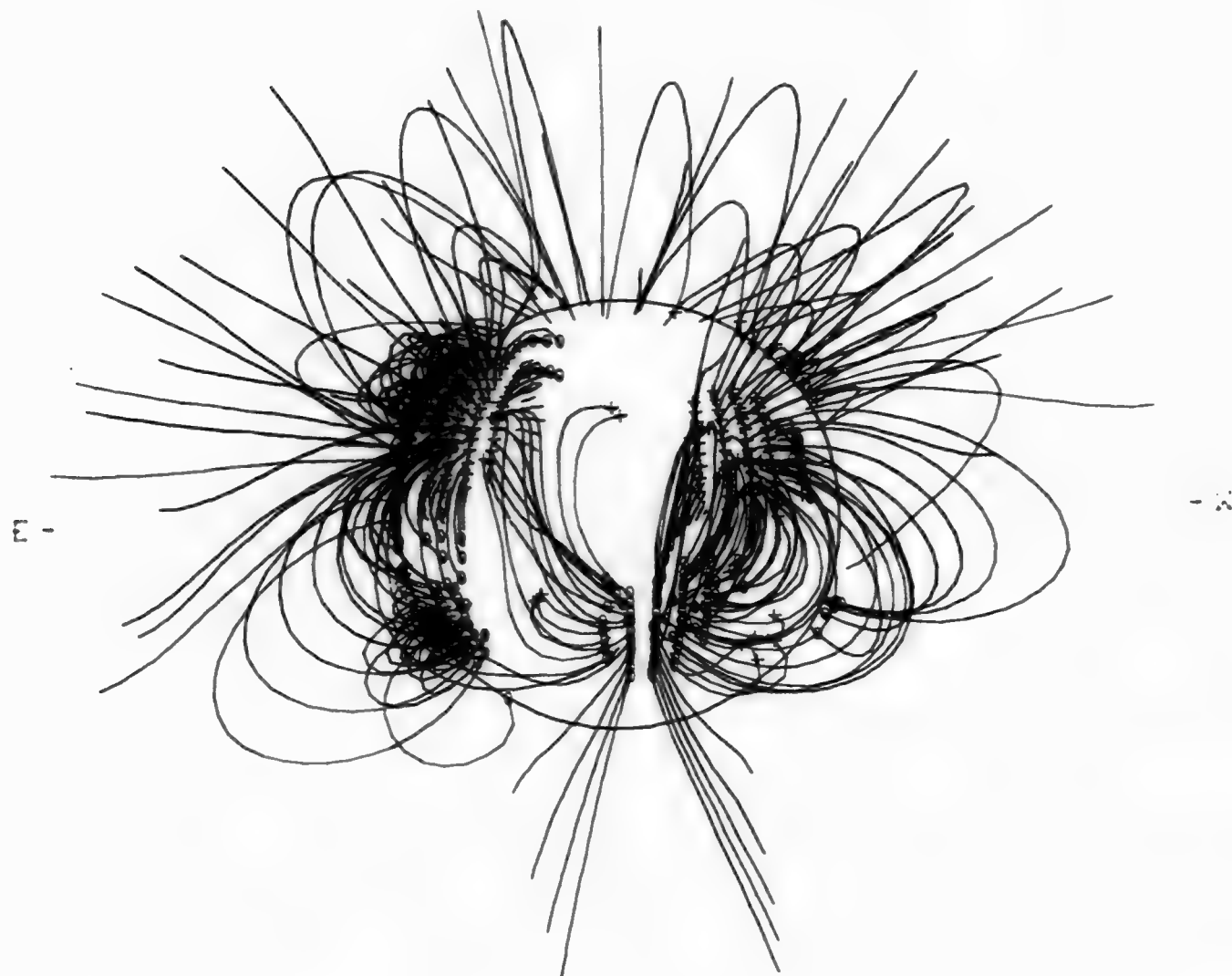
POLES DIRECT

DATA WINDOW 1521.47

ROT. 1522 LONG. 281°

17.7 JUN 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

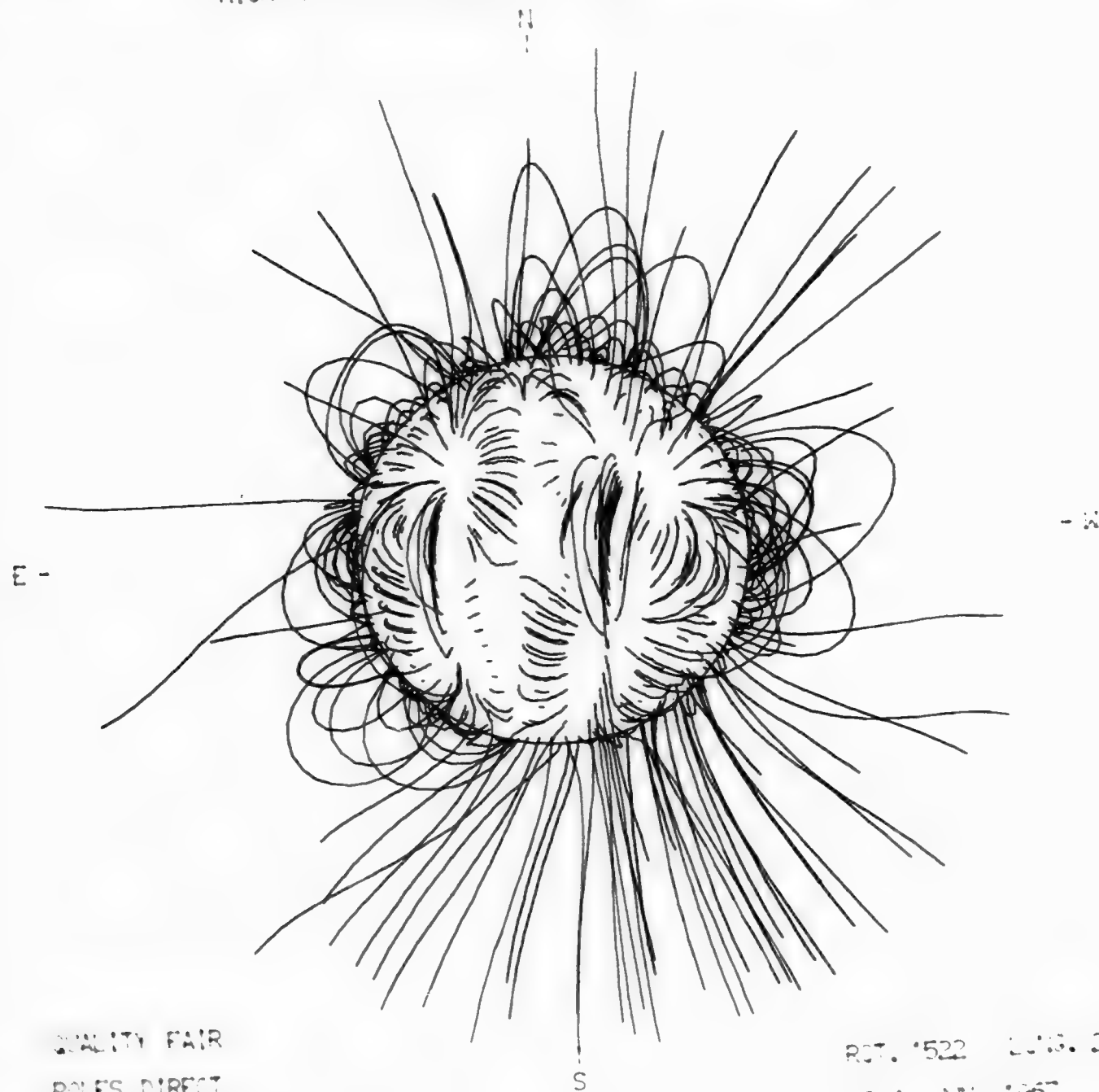
DATA WINDOW 1521.47

1
S

RGT. 1522 LUNG. 281°

17.7 CON 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR
POLES DIRECT
DATA WINDOW 1521.47

ROT. 1522 LONG. 270°
18.4 OCT 1967

HIGH ALTITUDE OBSERVATORY - HALE OBSERVATORIES



QUALITY FAIR

POLES DIRECT

DATA WINDOW 1521.47

1
S

ROT. 1522 LONG. 270°

18.4 JUN 1967

